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صناعة
سعودية
MADE IN KSA

شركة أيزوماكس للصناعات المحدودة
IZOMAKS INDUSTRIES L.L.C.

izomaks is a Saudi company that started in Riyadh in 2012. Our factory is located in 3rd industrial zone on Kharj Road. We manufacture and distribute waterproofing membrane to our customers in Saudi Arabia, GCC, and Turkey .

We develop new products and conduct numerous tests by our fully fledged experts in high tech facilities supported by our R&D department in order to meet international standards such as ASTM, FM, UL & EN. We provide a wide range of standardized products and further supports our customers by developing unique products for specific projects applications as per customer's request .

izomaks VISION to be the leader in the areas of development, production and selling of waterproofing membrane across the GCC, Europe and exceed the requirements of our markets and standards.

izomaks MISSION - To meet and exceed our quality standards for manufacturing , delivery , distribution and after-sales service.

- To support customers with next generation products and services structured to provide a competitive advantage.
- To manufacture high quality products and make superior implementations in accordance to high quality manufacturing standards .
- To continue to research and develop new products according to our customers need and necessity .

izomaks VALUSE - Integrity and respect with clients , suppliers , colleagues and the collective building industry .

- Commitment to excellence in all our endeavors .
- Our activities and growth should take place against a backdrop of sustainable development aimed at reducing harmful effects on the environment as much as possible .



ABOUT US

IZOMAKS GOLD - 20

SR	PROPERTIES	UNIT	VALUE	TEST METHOD
1	Softening point	° C	125	ASTM D36
2	Penetration	dmm	35	ASTM D 5
3	Cold Flexibility	°C	-20	ASTM D 5147
4	Heat Resistance (@ 90 °C for 2h : 15 min)	Pass	No flow	ASTM D 5147
5	Tensile strength @23 + 2 °C			
	Longitudinal	N/5 cm	950	ASTM D 5147
	Transversal		700	
6	Elongation @23 + 2 °C	%		ASTM D 5147
	Longitudinal		50	
	Transversal		55	
7	Lap joint Strength	N/5 cm		UEAtc M.O.A.T 31
	Longitudinal		950	
	Transversal		700	
8	Tear Strength	N		ASTM D 5147
	Longitudinal		600	
	Transversal		500	
9	Puncture Resistance	N	1000	ASTM E 154
	Static		L4	UEAtc 5.1,9
	Dynamic		L4	UEAtc 4.4.1
10	Dimensional Stability	%		
	Longitudinal		> 0.1	ASTM D 5147
	Transversal		> 0.1	
11	Resistance to Aging (after 2000 hrs)		No deterioration	ASTM D 4799
12	Water Absorption (@ 25 °C for 24hrs)	%	< 1	ASTM D 5147
13	Water Vapour Transmission,	g/m2/24hrs	< 0.35	ASTM E 96
14	Resistance to leakage at joints		pass	UEAtc

NOTE : IZOMAKS GOLD cold Flexibility as per your request (-5, -10,-15 &-20) available.

IN ACCORDANCE TO ASTM AND UEAtc STANDARDS RESULTS ARE SUBJECTED TO A VARIATION OF 20 % .



izomaks
GOLD - 20

Torch applied SBS modified bituminous membranere inforced with the 200 GSM of non woven polyester mat.

General Description:

IZOMAKS GOLD-20: is a high performance multi- ply pre-fabricated torch applied SBS modified bituminous membrane, reinforced with 200gsm of non woven polyester and finished with the polyethylene film or mineral stone.

izomaks waterproofing compound is formulated by Blended with selective grade of bitumen and modified with the styrene butadiene styrene (SBS) polymers that is provide high tensile, elongation and tear resistance excellent heat stability & low temperature flexibility i.e. common required for project applications for waterproof applications & protection against damp.

Application areas:

IZOMAKS GOLD-20: It is an ideal for all kind of waterproofing areas, especially in basement, swimming pool, water tank, seepage, bathrooms, terraces, Roof, beams and columns, footing, pipe capping, car parking, bridge decks, duct & ramp area, highway or airports, .

Features:-

- Torch applied quick melt easy to use.
- High performance waterproof in cold weather.
- High tensile, elongation and tear strength.
- Excellent adhesion strength.
- Higher self life.
- High impact and puncher resistance.
- Resist attack from salt and alkalis.

General data:

Nominal thickness	: 2mm, 3mm, 4mm, 5mm, 6mm.
Nominal size	: 1x20, 1x10, 1x8, 1x6 mtrs.
Reinforcement	: Non woven polyester 200gm/m2
Black surface	: Both side with polyethylene film installed under protection course
Slated surface	: Granule stone for exposed are of application.

Quality control: IZOMAKS INDUSTRIES LLC. Manufacturing facility is certified with the QMS-ISO 9001:2015, HMS-ISO 45001:2018 and EMS- ISO 14001:2015. In order to regular test conducted by IZOMAKS laboratory, our product is tested by independent internal laboratories.

Follow standard methods:

IZOMAKS GOLD-20 complies with the list standard. ASTM D6164
EN-13969:2004, EN-13707:2004

Packaging:

IZOMAKS GOLD-20 is manufacturing under standard size And roll are palletized and covered with a shrink-wrapped.

Tools required:

Gas torch, Gas cylinder, measuring tape, Trowel, Knife, Marking string etc.

Application method:-

Surface preparation: The surface must be thoroughly clean, dry, sound and free from crack, loose particles, dust, oil and grease, laitance or other contaminations.

Surface Priming: The entire surfaces must be primed by solvent based bituminous primer (primer D-41).

Application Limitation:

- Use smooth and flat safety shoe and other required safeties.
- Do not install in moist surfaces or raining weathers.
- Avoid overheating.
- Avoid step up/walking over hot applied membrane.
- Avoid installing second layer continuously.

Installation method:

- IZOMAKS GOLD -20: can be installed in a multi layers.
- Insure that the surface to be waterproof must be thoroughly clean, dry, sound and free form humidity.
 - Unroll IZOMAKS GOLD membrane with align the side laps of minimum 10cm and then re-roll it.
 - Stand on the unrolled position to prevent shifting with minimum over lap of 10cm and end lap will be 15cm can be installed with fully bonded.
 - Make sure that the heat required only the PE films to be melted and asphalt coating is sufficiently softened press firmly against the lap to ensure complete adhesion.
 - The entire corners, pipes, beam and column section can be waterproof by cut and fit methods.
 - The mineral surfaces can be used for exposed areas either horizontal or vertical surfaces.

Storage & handling:

- Keep the material in dry, cool ventilated and shaded areas.
- Do not store exposed in the sun or humid areas.
- Do not store pallet above the pallets.

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GOLD - 20

P3000 P4000 P5000 P6000 P4000M P5000M P3000AL P4000AL
FG2000 FG3000 FG45000 FG3000AL FG4000M

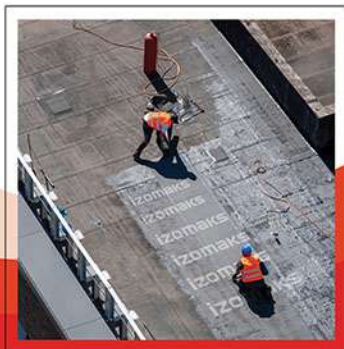


IZOMAKS GOLD - 5

SR	PROPERTIES	UNIT	VALUE	TEST METHOD
1	Softening point	° C	150	ASTM D36
2	Penetration	dmm	20	ASTM D 5
3	Cold Flexibility	°C	-5	ASTM D 5147
4	Heat Resistance (@120 °C for 2h : 15 min)	Pass	No flow	ASTM D 5147
5	Tensile strength @23 + 2 °C			
	Longitudinal	N/5 cm	950	ASTM D 5147
	Transversal		700	
6	Elongation @23 + 2 °C	%		ASTM D 5147
	Longitudinal		50	
	Transversal		55	
7	Lap joint Strength	N/5 cm		UEAtc M.O.A.T 31
	Longitudinal		950	
	Transversal		700	
8	Tear Strength	N		ASTM D 5147
	Longitudinal		600	
	Transversal		500	
9	Puncture Resistance	N	1000	ASTM E 154
	Static		L4	UEAtc 5.1,9
	Dynamic		L4	UEAtc 4.4.1
10	Dimensional Stability	%		
	Longitudinal		> 0.1	ASTM D 5147
	Transversal		> 0.1	
11	Resistance to Aging (after 2000 hrs)		No deterioration	ASTM D 4799
12	Water Absorption (@ 25 °C for 24hrs)	%	< 1	ASTM D 5147
13	Water Vapour Transmission,	g/m2/24hrs	< 0.35	ASTM E 96
14	Resistance to leakage at joints		pass	UEAtc

NOTE : IZOMAKS GOLD cold Flexibility as per your request (-5, -10,-15 &-20) available.

IN ACCORDANCE TO ASTM AND UEAtc STANDARDS RESULTS ARE SUBJECTED TO A VARIATION OF 20 % .



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GOLD - 5

Torch applied SBS modified bituminous membrane reinforced with the 200GSM of non woven polyester mat.

General Description:

IZOMAKS GOLD-5: is a high performance multi-ply pre-fabricated torch applied SBS modified bituminous membrane, reinforced with 200gsm of non woven polyester and finished with the polyethylene film or mineral stone.

Izomaks waterproofing compound is formulated by Blended with selective grade of bitumen and modified with the styrene butadiene styrene (SBS) polymers that is provide high tensile, elongation and tear resistance excellent in heat stability & low temperature flexibility i.e. common required for project applications for waterproof applications & protection against damp

Application areas:

IZOMAKS GOLD-5: It is an ideal for all kind of waterproofing areas, especially in basement, swimming pool, water tank, seepage, bathrooms, terraces, Roof, beams and columns, footing, pipe capping, car parking, bridge decks, duct & ramp area, highway or airports, .

Features:-

- Torch applied quick melt easy to use.
- High performance waterproof in cold weather.
- High tensile, elongation and tear strength.
- Excellent adhesion strength.
- Higher self life.
- High impact and puncher resistance.
- Resist attack from salt and alkalis.

General data:

Nominal thickness : 2mm, 3mm, 4mm, 5mm, 6mm.
 Nominal size : 1x20, 1x10, 1x8, 1x6 mtrs.
 Reinforcement : Non woven polyester 200gm/m2.
 Black surface : Both side with polyethylene film installed under protection course.
 Slated surface : Granule stone for exposed are of application.

IZOMAKS INDUSTRIES LLC. Manufacturing facility is certified with the QMS-ISO 9001:2015, HMS-ISO 45001:2018 and EMS- ISO 14001:2015. In order to regular test conducted by IZOMAKS laboratory, our product is tested by independent internal laboratories.

Follow Standard methods:

IZOMAKS GOLD-5: testing under standard methods. ASTM, EN etc.

Packaging:

IZOMAKS GOLD-5 is manufacturing under standard size And roll are palletized and covered with a shrink-wrapped.

Tools required:

Gas torch, Gas cylinder, measuring tape, Trowel, Knife, Marking string etc.

Application method:-

Surface preparation:
 The surface must be thoroughly clean, dry, sound and free from crack, loose particles, dust, oil and grease, laitance or other contaminations.

Surface Priming:
 The entire surfaces must be primed by solvent based bituminous primer (primer D-41).

Application Limitation:

- Use smooth and flat safety shoe and other required safeties.
- Do not install in moist surfaces or raining weathers.
- Avoid overheating.
- Avoid step up/walking over hot applied membrane.
- Avoid installing second layer continuously.

Installation method:

- IZOMAKS GOLD -5: can be installed in a multi layers.
- Insure that the surface to be waterproof must be thoroughly clean, dry, sound and free form humidity.
 - Unroll IZOMAKS GOLD membrane with align the side laps of minimum 10cm and then re-roll it.
 - Stand on the unrolled position to prevent shifting with minimum over lap of 10cm and end lap will be 15cm can be installed with fully bonded.
 - Make sure that the heat required only the PE films to be melted and asphalt coating is sufficiently softened press firmly against the lap to ensure complete adhesion.
 - The entire corners, pipes, beam and column section can be waterproof by cut and fit methods.
 - The mineral surfaces can be used for exposed areas either horizontal or vertical surfaces.

Storage & handling:

- Keep the material in dry, cool and ventilated areas.
- Do not store exposed in the sun or humid area.
- Do not store pallet above the pallet.

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GOLD - 5

P3000 P4000 P5000 P6000 P4000M P5000M P3000AL P4000AL



IZOMAKS VIA - II

SR	PROPERTIES	UNIT	VALUE	TEST METHOD
1	Softening point	°C	155	ASTM D36
2	Penetration	dmm	15 - 20	ASTM D 5
3	Cold Flexibility	°C	-2 to -5	ASTM D 5147
4	Heat Resistance (@120 °C for 2h : 15 min)	Pass	No flow	ASTM D 5147
5	Tensile strength @23 + 2 °C			
	Longitudinal	N/5 cm	1000	ASTM D 5147
	Transversal		750	
6	Elongation @23 + 2 °C	%		ASTM D 5147
	Longitudinal		50	
	Transversal		50	
7	Lap joint Strength	N/5 cm		UEAtc M.O.A.T 30
	Longitudinal		1000	
	Transversal		750	
8	Tear Strength	N		ASTM D5147
	Longitudinal		650	
	Transversal		500	
9	Puncture Resistance	N	1200	ASTM E 154
	Static		L4	UEAtc 5.1,9
	Dynamic		I4	UEAtc 4.4.1
10	Dimensional Stability	%		
	Longitudinal		> 0.6	ASTM D 5147
	Transversal		> 0.6	
11	Resistance to Aging (after 2000 hrs)		No deterioration	ASTM D 4799
12	Water Absorption (@ 25°C for 24hrs)	%	< 1	ASTM D 5147
13	Water Vapour Transmission,	g/m2/24hrs	< 0.5	ASTM E 96
14	Resistance to leakage at joints		pass	UEAtc

NOTE : THE ABOVE SHOWN TECHNICAL DATA ARE RESULTS OBTAINED IN LABORATORY AND EXTRA DETAILS CAN BE PROVIDED UPON REQUEST. IN ACCORDANCE TO ASTM AND UEAtc STANDARDS RESULTS ARE SUBJECTED TO A VARIATION OF 20 % .



izomaks
VIA II

Torch applied APP modified bituminous membrane with double reinforcement of non woven polyester and Glass Fiber.

General Description:

IZOMAKS VIA II is a high performance multi-ply Pre-fabricated torch applied APP modified bituminous membrane, reinforced with the double carriers of non woven polyester and Glass Fiber and finished with the polyethylene film.

Izomaks waterproofing compound is formulated by Blended with selective grade of bitumen and modified with the atactic polypropylene (APP) polymer that is provide high tensile, elongation and tear resistance excellent heat stability & low temperature flexibility i.e. common required project applications to used for heavy trafficking areas.

Application areas:

IZOMAKS VIA II: It is an ideal for all kind of waterproofing areas, such as Roof, basement, beams and columns, footing, pipe capping, car parking, bridge decks, duct & ramp area, highway or airports, swimming pool, water tank, bathrooms etc.

Features:-

- Torch applied easy to use.
- Specially design for heavy trafficking areas.
- Excellent water and heat resistance.
- High tensile, and tear strength.
- Excellent adhesion strength.
- Resist against damping.
- High impact and puncher resistance.

General data:

Nominal thickness : 2mm, 3mm, 4mm, 5mm, 6mm.
Nominal size : 1x10, 1x8, 1x6 mtrs.
Reinforcement : Non woven polyester and Glass Fiber
Black surface : Both side with polyethylene film installed under protection course.

Quality control:

IZOMAKS INDUSTRIES LLC. Manufacturing facility is certified with the QMS-ISO 9001:2015, HMS-ISO 45001:2018 and EMS- ISO 14001:2015. In order to regular test conducted by IZOMAKS laboratory, our product is tested by independent internal laboratories.

Follow standard methods:

IZOMAKS VIA II: testing under standard methods. ASTM, EN etc.

Packing:

IZOMAKS VIA II is manufacturing under standard size And roll are palletized and covered with a shrink-wrapped.

Tools required:

Gas torch, Gas cylinder, measuring tape, Trowel, Knife, Marking string etc.

Application method:-

Surface preparation:

The surface must be thoroughly clean, dry, sound and free from crack, loose particles, dust, oil and grease, laitance or other contaminations.

Surface Priming:

The entire surfaces must be primed by solvent based bituminous primer (primer D-41).

Application Limitation:

- Use smooth and flat safety shoe and other required safeties.
- Do not install in moist surfaces or raining weathers.
- Avoid overheating.
- Avoid step up/walking over hot applied membrane.
- Avoid installing second layer continuously.

Installation method:

IZOMAKS VIA II: can be installed in a multi layers.

- Insure that the surface to be waterproof must be thoroughly clean, dry, sound and free from humidity.
- Unroll IZOMAKS VIA II membrane with align the side laps of minimum 10cm and then re-roll it.
- Stand on the unrolled position to prevent shifting with minimum over lap of 10cm and end lap will be 15cm can be installed with fully bonded.
- Make sure that the heat required only the PE films to be melted and asphalt coating is sufficiently softened press firmly against the lap to ensure complete adhesion.
- The entire corners, pipes, beam and column section can be waterproof by cut and fit methods.

Storage & handling:

- Keep the material in dry, cool, ventilated and shaded areas.
- Don't store exposed in the sun or humid areas.
- Don't store pallet above the pallet.

izomaks
VIA II

P3000 P4000 P5000 P6000



IZOMAKS VIA - 250

SR	PROPERTIES	UNIT	VALUE	TEST METHOD
1	Softening point	°C	155	ASTM D36
2	Penetration	dmm	15 - 20	ASTM D 5
3	Cold Flexibility	°C	-2 to -5	ASTM D 5147
4	Heat Resistance (@120 °C for 2h : 15 min)	Pass	No flow	ASTM D 5147
5	Tensile strength @23 + 2 °C			
	Longitudinal	N/5 cm	1000	ASTM D 5147
	Transversal		750	
6	Elongation @23 + 2 °C	%		ASTM D 5147
	Longitudinal		50	
	Transversal		50	
7	Lap joint Strength	N/5 cm		UEAtc M.O.A.T 30
	Longitudinal		1000	
	Transversal		750	
8	Tear Strength	N		ASTM D5147
	Longitudinal		650	
	Transversal		500	
9	Puncture Resistance	N	1100	ASTM E 154
	Static		L4	UEAtc 5.1,9
	Dynamic		I4	UEAtc 4.4.1
10	Dimensional Stability	%		
	Longitudinal		> 0.6	ASTM D 5147
	Transversal		> 0.6	
11	Resistance to Aging (after 2000 hrs)		No Deterioration	ASTM D 4799
12	Water Absorption (@ 25 °C for 24hrs)	%	< 1	ASTM D 5147
13	Water Vapour Transmission,	g/m2/24hrs	< 0.5	ASTM E 96
14	Resistance to leakage at joints		pass	UEAtc

NOTE : THE ABOVE SHOWN TECHNICAL DATA ARE RESULTS OBTAINED IN LABORATORY AND EXTRA DETAILS CAN BE PROVIDED UPON REQUEST. IN ACCORDANCE TO ASTM AND UEAtc STANDARDS RESULTS ARE SUBJECTED TO A VARIATION OF 20 % .



izomaks
VIA 250

P3000 P4000 P5000 P6000

Torch applied APP modified bituminous membrane reinforced with the 250gsm of non woven polyester mat.

General Description:

IZOMAKS VIA 250 is a high performance multi-ply Pre-fabricated torch applied APP modified bituminous membrane, reinforced with the 250GSM of non woven polyester and finished with the polyethylene film or mineral stone.

Izomaks waterproofing compound is formulated by Blended with selective grade of bitumen and modified with the atactic polypropylene (APP) polymer that is provide high tensile, elongation and tear resistance excellent heat stability & low temperature flexibility i.e. common required for project application for waterproof applications & protection against damp.

Application areas:

IZOMAKS VIA 250: It is an ideal for all kind of waterproofing areas, such as Roof, basement, beams and columns, footing, pipe capping, car parking, bridge decks, duct & ramp area, highway or airports, swimming pool, water tank, bathrooms etc.

Features:-

- Torch applied easy to use.
- Excellent water and heat resistance.
- High tensile, elongation and tear strength.
- Excellent adhesion strength.
- Resist against damping.
- High impact and puncher resistance.
- Resist attack from salt and alkalis.

General data:

Nominal thickness	: 2mm, 3mm, 4mm, 5mm, 6mm.
Nominal size	: 1x20, 1x10, 1x8, 1x6 mtrs.
Reinforcement	: Non woven polyester 200gm/m ² .
Black surface	: Both side with polyethylene film installed under protection course.
Slated surface	: Granule stone for exposed are of application.

Quality control:

IZOMAKS INDUSTRIES LLC. Manufacturing facility is certified with the QMS-ISO 9001:2015, HMS-ISO 45001:2018 and EMS- ISO 14001:2015. In order to regular test conducted by IZOMAKS laboratory, our product is tested by independent internal laboratories.

Follow standard methods:

IZOMAKS VIA 250 complies with the list standard.
ASTM D 6222
EN-13969:2004, EN-13707:2004

Packaging:

IZOMAKS VIA 250: is manufacturing in standard size and roll are palletized and covered with a shrink-wrapped.

Tools required:

Gas torch, Gas cylinder, measuring tape, Trowel, Knife, Marking string etc.

Application method:-

Surface preparation:

The surface must be thoroughly clean, dry, sound and free from crack, loose particles, dust, oil and grease, laitance or other contaminations.

Surface Priming:

The entire surfaces must be primed by solvent based bituminous primer (primer D-41).

Application Limitation:

- Use smooth and flat safety shoe and other required safeties.
- Do not install in moist surfaces or raining weathers.
- Avoid overheating.
- Avoid step up/walking over hot applied membrane.
- Avoid installing second layer continuously.

Installation method:

IZOMAKS VIA 250: can be installed in a multi layers.

- Insure that the surface to be waterproof must be thoroughly clean, dry, sound and free form humidity.
- Unroll IZOMAKS VIA membrane with align the side laps of minimum 10cm and then re-roll it.
- Stand on the unrolled position to prevent shifting with minimum over lap of 10cm and end lap will be 15cm can be installed with fully bonded.
- Make sure that the heat required only the PE films to be melted and asphalt coating is sufficiently softened press firmly against the lap to ensure complete adhesion.
- The entire corners, pipes, beam and column section can be waterproof by cut and fit methods.

Storage & handling:

- Keep the material in dry, cool, ventilated and shaded areas.
- Do not store exposed in the sun or humid area.
- Do not store pallet above the pallet.

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VIA 250

P3000 P4000 P5000 P6000



IZOMAKS VIA 200

SR	PROPERTIES	UNIT	VALUE	TEST METHOD
1	Softening point	°C	155	ASTM D36
2	Penetration	dmm	15 - 20	ASTM D 5
3	Cold Flexibility	°C	- 2 to -5	ASTM D 5147
4	Heat Resistance (@120°C for 2h : 15 min)	Pass	No flow	ASTM D 5147
5	Tensile strength @23 + 2°C			
	Longitudinal	N/5 cm	950	ASTM D 5147
	Transversal		700	
6	Elongation @23 + 2°C	%		ASTM D 5147
	Longitudinal		50	
	Transversal		50	
7	Lap joint Strength	N/5 cm		UEAtc M.O.A.T 30
	Longitudinal		950	
	Transversal		700	
8	Tear Strength	N		ASTM D 5147
	Longitudinal		600	
	Transversal		500	
9	Puncture Resistance	N	1000	ASTM E 154
	Static		L4	UEAtc 5.1,9
	Dynamic		I4	UEAtc 4.4.1
10	Dimensional Stability	%		
	Longitudinal		> 0.6	ASTM D 5147
	Transversal		> 0.6	
11	Resistance to Aging (after 2000 hrs)		No Deterioration	ASTM D 4799
12	Water Absorption (@ 25°C for 24hrs)	%	< 1	ASTM D 5147
13	Water Vapour Transmission,	g/m2/24hrs	< 0.5	ASTM E 96
14	Resistance to leakage at joints		pass	UEAtc

NOTE : THE ABOVE SHOWN TECHNICAL DATA ARE RESULTS OBTAINED IN LABORATORY AND EXTRA DETAILS CAN BE PROVIDED UPON REQUEST. IN ACCORDANCE TO ASTM AND UEAtc STANDARDS RESULTS ARE SUBJECTED TO A VARIATION OF 20 % .



izomaks
VIA 200

P3000 P4000 P5000 P6000

Torch applied APP modified bituminous membrane reinforced with the 200gsm of non woven polyester mat.

General Description:

IZOMAKS VIA 200: is a high performance multi-ply Pre-fabricated torch applied APP modified bituminous membrane, reinforced with the 200GSM of non woven polyester and finished with the polyethylene film or mineral stone.

Izomaks waterproofing compound is formulated by Blended with selective grade of bitumen and modified with the attactic polypropylene (APP) polymer that is provide high tensile, elongation and tear resistance excellent heat stability & low temperature flexibility i.e. common required for project application for waterproof applications & protection against damp.

Application areas:

IZOMAKS VIA 200: It is an ideal for all kind of waterproofing areas, such as Roof, basement, beams and columns, footing, pipe capping, car parking, bridge decks, duct & ramp area, highway or airports, swimming pool, water tank, bathrooms etc.

Features:-

- Torch applied easy to use.
- Excellent water and heat resistance.
- High tensile, elongation and tear strength.
- Excellent adhesion strength.
- Resist against damping.
- High impact and puncher resistance.
- Resist attack from salt and alkalis.

General data:

Nominal thickness	: 2mm, 3mm, 4mm, 5mm, 6mm.
Nominal size	: 1x20, 1x10, 1x8, 1x6 mtrs.
Reinforcement	: Non woven polyester 200gm/m2 .
Black surface	: Both side with polyethylene film installed under protection course.
Slated surface	: Granule stone for exposed are of application.

Quality control:

IZOMAKS INDUSTRIES LLC. Manufacturing facility is certified with the QMS-ISO 9001:2015, HMS-ISO 45001:2018 and EMS- ISO 14001:2015. In order to regular test conducted by IZOMAKS laboratory, our product is tested by independent internal laboratories.

Follow standard methods:

IZOMAKS VIA 200: complies with the list standard.
ASTM D 6222.
EN-13969:2004, EN-13707:2004

Packaging:

IZOMAKS VIA 200: is manufacturing in standard size and roll are palletized and covered with a shrink-wrapped.

Tools required:

Gas torch, Gas cylinder, measuring tape, Trowel, Knife, Marking string etc.

Application method:-

Surface preparation:

The surface must be thoroughly clean, dry, sound and free from crack, loose particles, dust, oil and grease, laitance or other contaminations.

Surface Priming:

The entire surfaces must be primed by solvent based bituminous primer (primer D-41).

Application Limitation:

- Use smooth and flat safety shoe and other required safeties.
- Do not install in moist surfaces or raining weathers.
- Avoid overheating.
- Avoid step up/walking over hot applied membrane.
- Avoid installing second layer continuously.

Installation method:

IZOMAKS VIA 200: can be installed in a multi layers.

- Insure that the surface to be waterproof must be thoroughly clean, dry, sound and free form humidity.
- Unroll IZOMAKS VIA membrane with align the side laps of minimum 10cm and then re-roll it.
- Stand on the unrolled position to prevent shifting with minimum over lap of 10cm and end lap will be 15cm can be installed with fully bonded.
- Make sure that the heat required only the PE films to be melted and asphalt coating is sufficiently softened press firmly against the lap to ensure complete adhesion.
- The entire corners, pipes, beam and column section can be waterproof by cut and fit methods.
- The mineral surfaces can be used for exposed areas either horizontal or vertical surfaces.

Storage & handling:

- Keep the material in dry, cool, ventilated and shaded area.
- Do not store exposed in the sun or humid areas.
- Do not store pallet above the pallets

izomaks
VIA 200

P3000 P4000 P5000 P6000



IZOMAKS SAPPHIRE 200

SR	PROPERTIES	UNIT	VALUE	TEST METHOD
1	Softening point	°C	155	ASTM D36
2	Penetration	dmm	15 - 20	ASTM D 5
3	Cold Flexibility	°C	-2 to -5	ASTM D 5147
4	Heat Resistance (@120 °C for 2h : 15 min)	Pass	No flow	ASTM D 5147
5	Tensile strength @23 + 2 °C			
	Longitudinal	N/5 cm	850	ASTM D 5147
	Transversal		600	
6	Elongation @23 + 2 °C	%		ASTM D 5147
	Longitudinal		45	
	Transversal		50	
7	Lap joint Strength	N/5 cm		UEAtc M.O.A.T 30
	Longitudinal		850	
	Transversal		600	
8	Tear Strength	N		ASTM D 5147
	Longitudinal		450	
	Transversal		300	
9	Puncture Resistance	N	1000	ASTM E 154
	Static		L4	UEAtc 5.1,9
	Dynamic		I4	UEAtc 4.4.1
10	Dimensional Stability	%		
	Longitudinal		> 0.6	ASTMD 5147
	Transversal		> 0.6	
11	Resistance to Aging (after 2000 hrs)		No deterioration	ASTM D 4799
12	Water Absorption (@ 25 °C for 24hrs)	%	< 1	ASTM D 5147
13	Water Vapour Transmission,	g/m2/24hrs	< 0.5	ASTM E 96
14	Resistance to leakage at joints		pass	UEAtc

NOTE : THE ABOVE SHOWN TECHNICAL DATA ARE RESULTS OBTAINED IN LABORATORY AND EXTRA DETAILS CAN BE PROVIDED UPON REQUEST. IN ACCORDANCE TO ASTM AND UEAtc STANDARDS RESULTS ARE SUBJECTED TO A VARIATION OF 20 % .



izomaks
SAPPHIRE 200

P3000 P4000 P5000 P6000

Torch applied APP modified bituminous membrane reinforced with the 200 GSM of non woven polyester mat.

General Description:

SAPPHIRE 200 : is a high performance multi-layer prefabricated torch applied APP modified bituminous membrane, reinforced with the 200GSM of non woven polyester mat.

Izomaks waterproofing compound is formulated by Blended with selective grade of bitumen and modified with the attactic polypropylene (APP) polymer that is provide high tensile, elongation and tear resistance excellent heat stability & low temperature flexibility i.e. common required for project application almost all kind of waterproofing applications & protection against damp

Application areas:

SAPPHIRE 200 : It is an ideal for all kind of waterproofing areas, such as Roof, basement, beams and columns, footing, pipe capping, car parking, bridge decks, duct & ramp area, highway or airports, swimming pool, water tank, bathrooms etc.

Features:-

- Torch applied easy to use.
- Excellent water and heat resistance.
- High tensile, elongation and tear strength.
- Excellent adhesion strength.
- Resist against damping.
- High impact and puncher resistance.
- Resist attack from salt and alkalis.

General data:

- Nominal thickness : 2mm, 3mm, 4mm, 5mm, 6mm.
- Nominal size : 1x20, 1x10, 1x8, 1x6 mtr.
- Reinforcement : Non woven polyester 200gm/2.
- Black surface : Both side with polyethylene film installed under protection course.
- Slated surface : Granule stone for exposed are of application.

Quality control:

IZOMAKS INDUSTRIES LLC. Manufacturing facility is certified with the QMS-ISO 9001:2015, HMS-ISO 45001:2018 and EMS- ISO 14001:2015. In order to regular test conducted by IZOMAKS laboratory, our product is tested by independent internal laboratories.

Follow Standard methods:

SAPPHIRE 200: Testing under standard methods. ASTM, EN etc.

Packaging:

SAPPHIRE 200 is manufacturing in standard sizes and roll are palletized and covered with a shrink-wrapped.

Tools required:

Gas torch, Gas cylinder, measuring tape, Trowel, Knife, Marking string etc.

Application method:-

Surface preparation:

The surface must be clean, dry, sound and free from crack, dust, laitance, oil and grease, or loose particles.

Surface Priming:

The entire surfaces must be primed by solvent based bituminous primer (primer D-41).

Application Limitation:

- Use smooth and flat safety shoe and other required safeties.
- Do not install in moist surfaces or raining weathers.
- Avoid overheating.
- Avoid step up/walking over hot applied membrane.
- Avoid installing second layer continuously.

Installation method:

SAPPHIRE 200: can be installed in a multi layers.

- The surfaces to be waterproof must be clean, dry, sound and free form humidity.
- Unroll SAPPHIRE membrane and align the side laps and re-roll half of the membrane.
- Stand on the unrolled position to prevent shifting with minimum over lap of 10cm and end lap will be 15cm can be installed with fully bonded or loose-laid to the primed concrete substrate depending on the type of surface.
- Make sure that the heat required only the PE films to be melted and asphalt coating is sufficiently softened to bond the membrane. For corners, pipes, beam and column section can be waterproof by cut and fit methods.
- The mineral surfaces can be used for exposed horizontal and vertical surfaces and the upper end fastened by mean aluminium flashing sealed with UV resistance sealant.

Storage & handling:

- Keep the material in dry, cool, ventilated and shaded areas.
- Do not store exposed in the sun or humid areas.
- Do not store pallet above the pallets.

izomaks
SAPPHIRE 200

P3000 P4000 P5000 P6000



IZOMAKS GREENLAND

SR	PROPERTIES	UNIT	VALUE	TEST METHOD
1	Softening point	°C	155	ASTM D36
2	Penetration	dmm	15-20	ASTM D 5
3	Cold Flexibility	°C	-2 to -5	ASTM D 5147
4	Heat Resistance (@120 °C for 2h : 15 min)	Pass	No flow	ASTM D 5147
5	Tensile strength @23 + 2 °C			
	Longitudinal	N/5 cm	850	ASTM D 5147
	Transversal		600	
6	Elongation @23 + 2 °C	%		ASTM D 5147
	Longitudinal		50	
	Transversal		50	
7	Lap joint Strength	N/5 cm		UEAtc M.O.A.T 30
	Longitudinal		850	
	Transversal		600	
8	Tear Strength	N		ASTM D5147
	Longitudinal		600	
	Transversal		500	
9	Puncture Resistance	N	1000	ASTM E 154
	Static		L4	UEAtc 5.1,9
	Dynamic		I4	UEAtc 4.4.1
10	Dimensional Stability	%		
	Longitudinal		> 0.6	ASTM D 5147
	Transversal		> 0.6	
11	Resistance to Aging (after 2000 hrs)		No deterioration	ASTM D 4799
12	Water Absorption (@ 25°C for 24hrs)	%	< 1	ASTM D 5147
13	Water Vapour Transmission,	g/m2/24hrs	< 0.5	ASTM E 96
14	Resistance to leakage at joints		pass	UEAtc

NOTE : IZOMAKS GREEN LAND Reinforcement Grade **160, 180, 200 & 250** Depending on client request available. **IN ACCORDANCE TO ASTM AND UEAtc STANDARDS RESULTS ARE SUBJECTED TO A VARIATION OF 20 % .**



izomaks
GREENLAND

Torch applied Anti-root bituminous waterproofing membrane reinforced with non woven polyester mat.

General Description:

IZOMAKS GREENLAND: is a high performance multi-ply prefabricated torch applied bituminous membrane, reinforced with the non woven polyester and finished with the polyethylene film.

Izomaks waterproofing compound is formulated by Blended with selective grade of bitumen and modified with special polymers and chemically treated with Preventol B2 root resistant. Which act like barrier from the plant root penetrations And it provides safe, and root free concrete surface from plant roots. Design to use for green zone areas.

Application areas:

IZOMAKS GREENLAND: It is an ideal for green zone waterproofing areas, such as garden, roof garden, planter, subways, highway or airports, wall bounders water channel etc.

Features:-

- Torch applied easy to use.
- Excellent resistance to root penetration.
- High tensile, elongation and tear strength.
- Excellent adhesion strength.
- Excellent heat and weather resistant.
- High impact and puncher resistance.
- Resist attack from salt, alkalis and bacteria.

General data:

Nominal thickness : 2mm, 3mm, 4mm, 5mm, 6mm.
Nominal size : 1x20, 1x10, 1x8, 1x6 mtrs.
Reinforcement : Non woven polyester mat.
Black surface : Both side with polyethylene film installed under protection course.

Quality control:

IZOMAKS INDUSTRIES LLC. Manufacturing facility is certified with the QMS-ISO 9001:2015, HMS-ISO 45001:2018 and EMS- ISO 14001:2015. In order to regular test conducted by IZOMAKS laboratory, our product is tested by independent internal laboratories.

Follow Standard methods:

IZOMAKS GREENLAND testing under standard methods. (ASTM, EN etc.)

Packaging:

IZOMAKS GREENLAND is manufacturing under standard size. And roll are palletized and covered with a shrink-wrapped.

Tools required:

Gas torch, Gas cylinder, measuring tape, Trowel, Knife, Marking string etc.

Application method:-

Surface preparation:

The surface must be thoroughly clean, dry, sound and free from crack, loose particles, dust, oil and grease, laitance or other contaminations.

Surface Priming:

The entire surfaces must be primed by solvent based bituminous primer (primer D-41).

Application Limitation:

- Use smooth and flat safety shoe and other required safeties.
- Do not install in moist surfaces or raining weathers.
- Avoid overheating.
- Avoid step up/walking over hot applied membrane.
- Avoid installing second layer continuously.

Installation method:

IZOMAKS GREENLAND: can be installed in a multi layers.

- Insure that the surface to be waterproof must be thoroughly clean, dry, sound and free form humidity.
- Unroll IZOMAKS GREENLAND membrane with align the side laps of minimum 10cm and then re-roll it.
- Stand on the unrolled position to prevent shifting with minimum over lap of 10cm and end lap will be 15cm can be installed with fully bonded.
- Make sure that the heat required only the PE films to be melted and asphalt coating is sufficiently softened press firmly against the lap to ensure complete adhesion.
- The entire corners, pipes, beam and column section can be waterproof by cut and fit methods.
- The mineral surfaces can be used for exposed areas either horizontal or vertical surfaces.

Storage & handling:

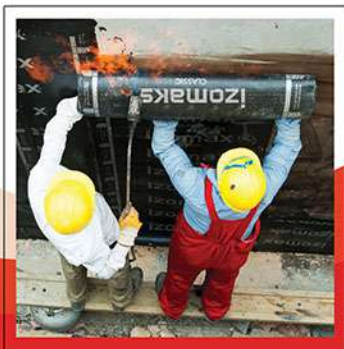
- Keep the material in dry, cool ventilated and shaded areas.
- Do not store exposed in the sun or humid areas.
- Do not store pallet above the pallets



IZOMAKS CLASSIC

SR	PROPERTIES	UNIT	VALUE	TEST METHOD
1	Softening point	°C	155	ASTM D36
2	Penetration	dmm	15-20	ASTM D 5
3	Cold Flexibility	°C	-2 to -5	ASTM D 5147
4	Heat Resistance (@120 °C for 2h : 15 min)	Pass	No flow	ASTM D 5147
5	Tensile strength @23 + 2 °C			
	Longitudinal	N/5 cm	850	ASTM D 5147
	Transversal		600	
6	Elongation @23 + 2 °C	%		ASTM D 5147
	Longitudinal		45	
	Transversal		50	
7	Lap joint Strength	N/5 cm		ASTM D 5147
	Longitudinal		850	
	Transversal		600	
8	Tear Strength	N		ASTM D5147
	Longitudinal		500	
	Transversal		450	
9	Puncture Resistance	N	900	ASTM E 154
	Static		L3	UEAtc 5.1,9
	Dynamic		I3	UEAtc 4.4.1
10	Dimensional Stability	%		
	Longitudinal		> 0.6	ASTM D 5147
	Transversal		> 0.6	
11	Resistance to Aging (after 2000 hrs)		No deterioration	ASTM D 4799
12	Water Absorption (@ 25°C ,24 hrs)	%	< 1	ASTM D 5147
13	Water Vapour Transmission,	g/m2/24hrs	< 0.5	ASTM E 96
14	Resistance to leakage at joints		pass	UEAtc

NOTE : THE ABOVE SHOWN TECHNICAL DATA ARE RESULTS OBTAINED IN LABORATORY AND EXTRA DETAILS CAN BE PROVIDED UPON REQUEST. IN ACCORDANCE TO ASTM AND UEAtc STANDARDS RESULTS ARE SUBJECTED TO A VARIATION OF 20 % .



izomaks
CLASSIC

P2000 P3000 P4000 P5000 P6000

Torch applied APPmodified bituminous membrane reinforced with the non woven polyester mat.

General Description:

IZOMAKS CLASSIC: is a high performance multi-ply Pre-fabricated torch applied APP modified bituminous membrane, reinforced with the 180 GSM of non woven polyester and finished with the polyethylene film or mineral stone.

Izomaks waterproofing compound is formulated by Blended with selective grade of bitumen and modified with the atactic polypropylene (APP) polymer that is provide high tensile, elongation and heat stability excellent low temperature flexibility i.e. common required for project application almost all kind of waterproofing applications & protection against damp.

Application areas:

IZOMAKS CLASSIC: It is an ideal for all kind of waterproofing areas, such as Roof, basement, beams and columns, footing, pipe capping, car parking, bridge decks, duct & ramp area, highway or airports, swimming pool, water tank, bathrooms etc.

Features:-

- Torch applied easy to use.
- Excellent water and heat resistance.
- High tensile, elongation and tear strength.
- Excellent adhesion strength.
- Resist against damping.
- High impact and puncher resistance.
- Resist attack from salt and alkalis.

General data:

Nominal thickness : 2mm, 3mm, 4mm, 5mm, 6mm.
Nominal size : 1x20, 1x10, 1x8, 1x6 mtrs.
Reinforcement : Non woven polyester 180gm/m2.
Black surface : Both side with polyethylene film installed under protection course.
Slated surface : Granule stone for exposed are of application.

Quality control:

IZOMAKS INDUSTRIES LLC. Manufacturing facility is certified with the QMS-ISO 9001:2015, HMS-ISO 45001:2018 and EMS-ISO 14001:2015. In order to regular test conducted by IZOMAKS laboratory, our product is tested by independent internal laboratories.

Follow Standard methods:

IZOMAKS CLASSIC: testing under standard methods. (ASTM, EN etc.)

Packaging:

IZOMAKS CLASSIC: is manufacturing in standard size roll are palletized and covered with a shrink wrapped.

Tools required:

Gas torch, Gas cylinder, measuring tape, Trowel, Knife, Marking string etc.

Application method:-

Surface preparation: The surface must be thoroughly clean, dry, sound and free from crack, loose particles, dust, oil and grease, laitance or other contaminations.

Surface Priming: The entire surfaces must be primed by solvent based bituminous primer (primer D-41).

Application Limitation:

- Use smooth and flat safety shoe and other required safeties.
- Do not install in moist surfaces or raining weathers.
- Avoid overheating.
- Avoid step up/walking over hot applied membrane.
- Avoid installing second layer continuously.

Installation method:

IZOMAKS CLASSIC: can be installed in a multi layers.

- Insure that the surface to be waterproof must be thoroughly clean, dry, sound and free form humidity.
- Unroll IZOMAKS CLASSIC membrane with align the side laps of minimum 10cm and then reroll it.
- Stand on the unrolled position to prevent shifting with minimum over lap of 10cm and end lap will be 15cm can be installed with fully bonded.
- Make sure that the heat required only the PE films to be melted and asphalt coating is sufficiently softened press firmly against the lap to ensure complete adhesion.
- The entire corners, pipes, beam and column section can be waterproof by cut and fit methods.
- The mineral surfaces can be used for exposed areas either horizontal or vertical surfaces.

Storage & handling:

- Keep material in dry, cool, ventilated and shaded areas.
- Do not store exposed in the sun or humid area.
- Do not store pallet above the pallet.

izomaks
CLASSIC



POLIONE 1600

SR	PROPERTIES	UNIT	VALUE	TEST METHOD
1	Softening point	°C	150	ASTM D36
2	Penetration	dmm	15-20	ASTM D 5
3	Cold Flexibility	°C	-2 to -5	ASTM D 5147
4	Heat Resistance (@120°C for 2h : 15 min)	Pass	No flow	ASTM D 5147
5	Tensile strength @23 + 2°C			
	Longitudinal	N/5 cm	600	ASTM D 5147
	Transversal		450	
7	Elongation @23 + 2°C	%		ASTM D 5147
	Longitudinal		40	
	Transversal		45	
9	Lap joint Strength	N/5 cm		UEAtc M.O.A.T 30
	Longitudinal		600	
	Transversal		450	
10	Tear Strength	N		ASTM D 5147
	Longitudinal		400	
	Transversal		300	
11	Puncture Resistance	N	700	ASTM E 154
	Static		L3	UEAtc 5.1,9
	Dynamic		I3	UEAtc 4.4.1
12	Dimensional Stability	%		
	Longitudinal		> 0.6	ASTM D 5147
	Transversal		> 0.6	
13	Resistance to Aging (after 2000 hrs)		No deterioration	ASTM D 4799
14	Water Absorption (@ 25°C for 24 hrs)	%	< 1	ASTM D 5147
15	Water Vapour Transmission,	g/m2/24hrs	< 0.5	ASTM E 96
16	Resistance to leakage at joints		pass	UEAtc

NOTE : THE ABOVE SHOWN TECHNICAL DATA ARE RESULTS OBTAINED IN LABORATORY AND EXTRA DETAILS CAN BE PROVIDED UPON REQUEST. IN ACCORDANCE TO ASTM AND UEAtc STANDARDS RESULTS ARE SUBJECTED TO A VARIATION OF 20 % .



izomaks
polione
1600

Torchapplied APP modified bituminous membrane reinforced with the non woven polyester mat.

General Description:

POLIONE 1600 : is a multi-ply prefabricated torch applied APP modified bituminous membrane, reinforced with non woven polyester and finished with the polyethylene film or mineral stone.
Izomaks waterproofing compound is formulated by Blended with selective grade of bitumen and modified with the atactic polypropylene (APP) polymer that is provide high heat stability, elongation and low temperature flexibility i.e. common used for almost all kind of waterproofing applications & protection against damp.

Application areas:

POLIONE 1600 : It is an ideal for all kinds of waterproofing areas, such as Roof, basement, beams and columns, footing, pipe capping, duct & ramp area, swimming pool, water tank, bathrooms & kitchen etc.

Features:-

- Torch applied easy to use.
- Excellent water and heat resistance.
- Flexible at low temperature.
- Excellent adhesion strength.
- Resist against damping.
- Resist attack from salt and alkalis.

General data:

Nominal thickness : 2mm, 3mm, 4mm, 5mm, 6mm.
Nominal size : 1x20, 1x10, 1x8, 1x6 mtrs.
Reinforcement : Non woven polyester mat.
Black surface : Both side with polyethylene film installed under protection course.
Slated surface : Granule stone for exposed are of application.

Quality control:

IZOMAKS INDUSTRIES LLC. Manufacturing facility is certified with the QMS-ISO 9001:2015, HMS-ISO 45001:2018 and EMS- ISO 14001:2015. In order to regular test conducted by IZOMAKS laboratory, our product is tested by independent internal laboratories.

Follow Standards methods:

POLIONE 1600: Testing under standard methods (ASTM, EN etc).

Packaging:

POLIONE 1600: is manufacturing in standard size roll are palletized and covered with a shrink wrapped.

Tools required:

Gas torch, Gas cylinder, measuring tape, Trowel, Knife, Marking string etc.

Application method:-

Surface preparation:
The surface must be clean, dry, sound and free from crack, dust, laitance, oil and grease, or loose particles.
Surface Priming:
The surface must be thoroughly clean, dry, sound and free from crack, loose particles, dust, oil and grease, laitance or other contaminations.

Application Limitation:

- Use smooth and flat safety shoe and other required safeties.
- Do not install in moist surfaces or raining weathers.
- Avoid overheating.
- Avoid step up/walking over hot applied membrane.
- Avoid installing second layer continuously.

Installation method:

POLIONE 1600: can be installed in a multi layers.
• Insure that the surface to be waterproof must be thoroughly clean, dry, sound and free form humidity.
• Unroll POLIONE membrane with align the side laps of minimum 10cm and then re-roll it.
• Stand on the unrolled positron to prevent shifting with minimum over lap of 10cm and end lap will be 15cm can be installed with fully bonded.
• Make sure that the heat required only the PE films to be melted and asphalt coating is sufficiently softened press firmly against the lap to ensure complete adhesion.
• The entire corners, pipes, beam and column section can be waterproof by cut and fit methods.
• The mineral surfaces can be used for exposed areas either horizontal or vertical surfaces.

Storage & handling:

- Keep the material in dry, cool, ventilated and shaded areas.
- Do not store exposed in the sun or humid areas.
- Do not store pallet above the pallets.

izomaks
polione

1600



GULF SHIELD - 1600

SR	PROPERTIES	UNIT	VALUE	TEST METHOD
1	Softening point	°C	155	ASTM D36
2	Penetration	dmm	15-20	ASTM D 5
3	Cold Flexibility	°C	-2 to -5	ASTM D 5147
4	Heat Resistance (@120°C for 2h : 15 min)	Pass	No flow	ASTM D 5147
5	Tensile strength @23 + 2°C			
	Longitudinal	N/5 cm	600	ASTM D 5147
	Transversal		450	
6	Elongation @23 + 2°C	%		ASTM D 5147
	Longitudinal		40	
	Transversal		45	
7	Lap joint Strength	N/5 cm		UEAtc M.O.A.T 30
	Longitudinal		600	
	Transversal		450	
8	Tear Strength	N		ASTM D 5147
	Longitudinal		400	
	Transversal		350	
9	Puncture Resistance	N	700	ASTM E 154
	Static		L3	UEAtc 5.1,9
	Dynamic		I3	UEAtc 4.4.1
10	Dimensional Stability	%		
	Longitudinal		> 0.6	ASTMD 5147
	Transversal		> 0.6	
11	Resistance to Aging (after 2000 hrs)		No deterioration	ASTM D 4799
12	Water Absorption (@25°C for 24hrs)	%	< 1	ASTM D 5147
13	Water Vapour Transmission,	g/m2/24hrs	< 0.5	ASTM E 96
14	Resistance to leakage at joints		pass	UEAtc

NOTE : THE ABOVE SHOWN TECHNICAL DATA ARE RESULTS OBTAINED IN LABORATORY AND EXTRA DETAILS CAN BE PROVIDED UPON REQUEST. IN ACCORDANCE TO ASTM AND UEAtc STANDARDS RESULTS ARE SUBJECTED TO A VARIATION OF 20 % .



Torch applied APP modified bituminous membrane reinforced with the non woven polyester mat.

General Description:

GULF SHIELD 1600: is a multi-ply prefabricated torch applied APP modified bituminous membrane, reinforced with non woven polyester and finished with the polyethylene film or mineral stone.

Izomaks waterproofing compound is formulated by Blended with selective grade of bitumen and modified with the atactic polypropylene (APP) polymer that is provide high heat stability, elongation and low temperature flexibility i.e. common used for almost all kind of waterproofing applications & protection against damp.

Application areas:

GULF SHIELD 1600: It is an ideal for all kinds of waterproofing areas, such as Roof, basement, beams and columns, footing, pipe capping, duct & ramp area, swimming pool, water tank, bathrooms & kitchen etc.

Features:-

- Torch applied easy to use.
- Excellent water and heat resistance.
- Flexible at low temperature.
- Excellent adhesion strength.
- Resist against damping.
- Resist attack from salt and alkalis.

General data:

Nominal thickness	: 2mm, 3mm, 4mm, 5mm, 6mm.
Nominal size	: 1x20, 1x10, 1x8, 1x6 mtr.
Reinforcement	: Non woven polyester mat.
Black surface	: Both side with polyethylene film installed under protection course.
Slated surface	: Granule stone for exposed area of application.

Quality control:

IZOMAKS INDUSTRIES LLC. Manufacturing facility is certified with the QMS-ISO 9001:2015, HMS-ISO 45001:2018 and EMS- ISO 14001:2015. In order to regular test conducted by IZOMAKS laboratory, our product is tested by independent internal laboratories.

Follow Standard methods:

GULF SHIELD 1600: testing under standard methods. ASTM, EN etc.

Packaging:

- Keep the material in dry, cool, ventilated and shaded areas.

GULF SHIELD 1600: is manufacturing under standard size and roll are palletized covered with a shrink wrapped.

Tools required:

Gas torch, Gas cylinder, measuring tape, Trowel, Knife, Marking string etc.

Application method:-

Surface preparation: The surface must be thoroughly clean, dry, sound and free from crack, loose particles, dust, oil and grease, laitance or other contaminations.

Surface Priming: • The entire surfaces must be primed by solvent based bituminous primer (primer D-41).

Application Limitation:

- Use smooth and flat safety shoe and other required safeties.
- Do not install in moist surfaces or raining weathers.
- Avoid overheating.
- Avoid step up/walking over hot applied membrane.
- Avoid installing second layer continuously.

Installation method:

GULF SHIELD 1600: can be installed in a multi layers.

- Insure that the surface to be waterproof must be thoroughly clean, dry, sound and free from humidity.
- Unroll GULF SHIELD membrane with align the side laps of minimum 10cm and then re-roll it.
- Stand on the unrolled position to prevent shifting with minimum over lap of 10cm and end lap will be 15cm can be installed with fully bonded.
- Make sure that the heat required only the PE films to be melted and asphalt coating is sufficiently softened press firmly against the lap to ensure complete adhesion.
- The entire corners, pipes, beam and column section can be waterproof by cut and fit methods.
- The mineral surfaces can be used for exposed areas either horizontal or vertical surfaces.

Storage & handling:

- Do not store exposed in the sun or humid areas.
- Do not store pallet above the pallets.

izomaks

درع الخليج - GULF SHIELD - 1600

P3000 P4000 P5000 P6000



POLYSTAR - 1600

SR	PROPERTIES	UNIT	VALUE	TEST METHOD
1	Softening point	°C	155	ASTM D36
2	Penetration	dmm	15-20	ASTM D 5
3	Cold Flexibility	°C	-2 to -5	ASTM D 5147
4	Heat Resistance (@120°C for 2h : 15 min)	Pass	No flow	ASTM D 5147
5	Tensile strength @23 + 2°C			
	Longitudinal	N/5 cm	600	ASTM D 5147
	Transversal		450	
6	Elongation @23 + 2°C	%		ASTM D 5147
	Longitudinal		40	
	Transversal		45	
7	Lap joint Strength	N/5 cm		UEAtc M.O.A.T 30
	Longitudinal		600	
	Transversal		450	
8	Tear Strength	N		ASTM D 5147
	Longitudinal		400	
	Transversal		300	
9	Puncture Resistance	N	700	ASTM E 154
	Static		L3	UEAtc 5.1,9
	Dynamic		I3	UEAtc 4.4.1
10	Dimensional Stability	%		
	Longitudinal		> 0.6	ASTMD 5147
	Transversal		> 0.6	
11	Resistance to Aging (after 2000 hrs)		No deterioration	ASTM D 4799
12	Water Absorption (@ 25°C for 24 hrs)	%	< 1	ASTM D 5147
13	Water Vapour Transmission,	g/m2/24hrs	< 0.5	ASTM E 96
14	Resistance to leakage at joints		pass	UEAtc

NOTE : THE ABOVE SHOWN TECHNICAL DATA ARE RESULTS OBTAINED IN LABORATORY AND EXTRA DETAILS CAN BE PROVIDED UPON REQUEST. IN ACCORDANCE TO ASTM AND UEAtc STANDARDS RESULTS ARE SUBJECTED TO A VARIATION OF 20 % .



izomaks
POLYSTAR - 1600

P3000 P4000 P5000 P6000

Torch applied APP modified bituminous membrane reinforced with the nonwoven polyester mat.

General Description:

POLYSTAR 1600 : is a multi-ply prefabricated torch applied APP modified bituminous membrane, reinforced with non woven polyester and finished with the polyethylene film or mineral stone. Izomaks waterproofing compound is formulated by Blended with selective grade of bitumen and modified with the atactic polypropylene (APP) polymer that is provide high heat stability, elongation and low temperature flexibility i.e. common used for almost all kind of waterproofing applications & protection against damps.

Application areas:

POLYSTAR 1600 : It is an ideal for all kinds of waterproofing areas, such as Roof, basement, beams and columns, footing, pipe capping, duct & ramp area, swimming pool, water tank, bathrooms & kitchen etc.

Features:-

- Torch applied easy to use.
- Excellent water and heat resistance.
- Flexible at low temperature.
- Excellent adhesion strength.
- Resist against damping.
- Resist attack from salt and alkalis.

General data:

Nominal thickness : 2mm, 3mm, 4mm, 5mm, 6mm.
 Nominal size : 1x20, 1x10, 1x8, 1x6 mtr.
 Reinforcement : Non woven polyester.
 Black surface : Both side with polyethylene film installed under protection course.
 Slated surface : Granule stone for exposed area of application.

Quality control:

IZOMAKS INDUSTRIES LLC. Manufacturing facility is certified with the QMS-ISO 9001:2015, HMS-ISO 45001:2018 and EMS-ISO 14001:2015. In order to regular test conducted by IZOMAKS laboratory, our product is tested by independent internal laboratories.

Follow Standards methods:

POLYSTAR 1600: testing under standard methods. ASTM, EN etc.

Packaging:

POLYSTAR 1600 : is manufacturing in standard size roll are palletized and covered with a shrink wrapped.

Tools required:

Gas torch, Gas cylinder, measuring tape, Trowel, Knife, Marking string etc.

Application method:-

Surface preparation:
 The surface must be thoroughly clean, dry, sound and free from crack, loose particles, dust, oil and grease, laitance or other contaminations.

Surface Priming:
 The entire surfaces must be primed by solvent based bituminous primer (primer D-41).

Application Limitation:

- Use smooth and flat safety shoe and other required safeties.
- Do not install in moist surfaces or raining weathers.
- Avoid overheating.
- Avoid step up/walking over hot applied membrane.
- Avoid installing second layer continuously.

Installation method:

POLYSTAR 1600: can be installed in a multi layers.
 • Insure that the surface to be waterproof must be thoroughly clean, dry, sound and free form humidity.
 • Unroll POLYSTAR membrane with align the side laps of minimum 10cm and then re-roll it.
 • Stand on the unrolled position to prevent shifting with minimum over lap of 10cm and end lap will be 15cm can be installed with fully bonded.
 • Make sure that the heat required only the PE films to be melted and asphalt coating is sufficiently softened press firmly against the lap to ensure complete adhesion.
 • The entire corners, pipes, beam and column section can be waterproof by cut and fit methods.
 • The mineral surfaces can be used for exposed areas either horizontal or vertical surfaces.

Storage & handling:

- Keep the material in dry, cool, ventilated and shaded areas.
- Do not store exposed in the sun or humid areas.
- Do not store pallet above the pallets.

izomaks
POLYSTAR - 1600

P3000 P4000 P5000 P6000



POLYMAX - 1600

SR	PROPERTIES	UNIT	VALUE	TEST METHOD
1	Softening point	°C	155	ASTM D36
2	Penetration	dmm	15 - 20	ASTM D 5
3	Cold Flexibility	°C	-2 to -5	ASTM D 5147
4	Heat Resistance (@120°C for 2h : 15 min)	Pass	No flow	ASTM D 5147
5	Tensile strength @23 + 2 °C			
	Longitudinal	N/5 cm	600	ASTM D 5147
	Transversal		450	
6	Elongation @23 + 2 °C	%		ASTM D 5147
	Longitudinal		40	
	Transversal		45	
7	Lap joint Strength	N/5 cm		UEAtc M.O.A.T 30
	Longitudinal		600	
	Transversal		450	
8	Tear Strength	N		ASTM D 5147
	Longitudinal		400	
	Transversal		350	
9	Puncture Resistance	N	700	ASTM E 154
	Static		L3	UEAtc 5.1,9
	Dynamic		I3	UEAtc 4.4.1
10	Dimensional Stability	%		
	Longitudinal		> 0.6	ASTMD 5147
	Transversal		> 0.6	
11	Resistance to Aging (after 2000 hrs)		No deterioration	ASTM D 4799
12	Water Absorption (@ 25°C for 24 hrs)	%	< 1	ASTM D 5147
13	Water Vapour Transmission,	g/m2/24hrs	< 0.5	ASTM E 96
14	Resistance to leakage at joints		pass	UEAtc

NOTE : THE ABOVE SHOWN TECHNICAL DATA ARE RESULTS OBTAINED IN LABORATORY AND EXTRA DETAILS CAN BE PROVIDED UPON REQUEST. IN ACCORDANCE TO ASTM AND UEAtc STANDARDS RESULTS ARE SUBJECTED TO A VARIATION OF 20 % .



izomaks
POLYMAX - 1600

P3000 P4000 P5000 P6000

Torch applied APP modified bituminous membrane reinforced with the nonwoven polyester mat.

General Description:

POLYMAX 1600 : is a multi-ply prefabricated torch applied APP modified bituminous membrane, reinforced with non woven polyester and finished with the polyethylene film or mineral stone. Izomaks waterproofing compound is formulated by Blended with selective grade of bitumen and modified with the attactic polypropylene (APP) polymer that is provide high heat stability, elongation and low temperature flexibility i.e. common used for almost all kind of waterproofing applications & protection against damps.

Application areas:

POLYMAX 1600 : It is an ideal for all kinds of waterproofing areas, such as Roof, basement, beams and columns, footing, pipe capping, duct & ramp area, swimming pool, water tank, bathrooms & kitchen etc.

Features:-

- Torch applied easy to use.
- Excellent water and heat resistance.
- Flexible at low temperature.
- Excellent adhesion strength.
- Resist against damping.
- Resist attack from salt and alkalis.

General data:

Nominal thickness : 2mm, 3mm, 4mm, 5mm, 6mm.
Nominal size : 1x20, 1x10, 1x8, 1x6 mtr.
Reinforcement : Non woven polyester.
Black surface : Both side with polyethylene film installed under protection course.
Slated surface : Granule stone for exposed are of application.

Quality control:

IZOMAKS INDUSTRIES LLC. Manufacturing facility is certified with the QMS-ISO 9001:2015, HMS-ISO 45001:2018 and EMS- ISO 14001:2015. In order to regular test conducted by IZOMAKS laboratory, our product is tested by independent internal laboratories.

Follow Standards methods:

POLYMAX 1600: testing under standard methods. ASTM, EN etc.

Packaging:

POLYMAX 1600: is manufacturing in standard size roll are palletized and covered with a shrink wrapped.

Tools required:

Gas torch, Gas cylinder, measuring tape, Trowel, Knife, Marking string etc.

Application method:-

Surface preparation:
The surface must be thoroughly clean, dry, sound and free from crack, loose particles, dust, oil and grease, laitance or other contaminations.

Surface Priming:
The entire surfaces must be primed by solvent based bituminous primer (primer D-41).

Application Limitation:

- Use smooth and flat safety shoe and other required safeties.
- Do not install in moist surfaces or raining weathers.
- Avoid overheating.
- Avoid step up/walking over hot applied membrane.
- Avoid installing second layer continuously.

Installation method:

- POLYMAX 1600: can be installed in a multi layers.
- Insure that the surface to be waterproof must be thoroughly clean, dry, sound and free form humidity.
 - Unroll POLYMAX membrane with align the side laps of minimum 10cm and then re-roll it.
 - Stand on the unrolled position to prevent shifting with minimum over lap of 10cm and end lap will be 15cm can be installed with fully bonded.
 - Make sure that the heat required only the PE films to be melted and asphalt coating is sufficiently softened press firmly against the lap to ensure complete adhesion.
 - The entire corners, pipes, beam and column section can be waterproof by cut and fit methods.
 - The mineral surfaces can be used for exposed areas either horizontal or vertical surfaces.

Storage & handling:

- Keep the material in dry, cool, ventilated and shaded areas.
- Do not store exposed in the sun or humid areas.
- Do not store pallet above the pallets.

izomaks
POLYMAX - 1600

P3000 P4000 P5000 P6000



IZOMAKS SAPPHIRE - 1600

SR	PROPERTIES	UNIT	VALUE	TEST METHOD
1	Softening point	°C	155	ASTM D36
2	Penetration	dmm	15-20	ASTM D 5
3	Cold Flexibility	°C	-2 to -5	ASTM D 5147
4	Heat Resistance (@120°C for 2h : 15 min)	Pass	No flow	ASTM D 5147
5	Tensile strength @23 + 2°C			
	Longitudinal	N/5 cm	600	ASTM D 5147
	Transversal		450	
6	Elongation @23 + 2°C	%		ASTM D5147
	Longitudinal		45	
	Transversal		50	
7	Lap joint Strength	N/5 cm		UEAtc M.O.A.T 30
	Longitudinal		600	
	Transversal		450	
8	Tear Strength	N		ASTM D 5147
	Longitudinal		400	
	Transversal		300	
9	Puncture Resistance	N	700	ASTM E 154
	Static		L3	UEAtc 5.1,9
	Dynamic		I3	UEAtc 4.4.1
10	Dimensional Stability	%		
	Longitudinal		> 0.6	ASTMD 5147
	Transversal		> 0.6	
11	Resistance to Aging (after 2000 hrs)		No deterioration	ASTM D 4799
12	Water Absorption (@ 25°C for 24hrs)	%	< 1	ASTM D 5147
13	Water Vapour Transmission,	g/m2/24hrs	< 0.5	ASTM E 96
14	Resistance to leakage at joints		pass	UEAtc

NOTE : THE ABOVE SHOWN TECHNICAL DATA ARE RESULTS OBTAINED IN LABORATORY AND EXTRA DETAILS CAN BE PROVIDED UPON REQUEST. IN ACCORDANCE TO ASTM AND UEAtc STANDARDS RESULTS ARE SUBJECTED TO A VARIATION OF 20 % .



izomaks
SAPPHIRE 1600

P2000 P3000 P4000 P5000 P6000

Torch applied APP modified bituminous membrane reinforced with the nonwoven polyester mat.

General Description:

SAPPHIRE 1600 : is a multi-ply prefabricated torch applied APP modified bituminous membrane, reinforced with non woven polyester and finished with the polyethylene film or mineral stone. Izomaks waterproofing compound is formulated by Blended with selective grade of bitumen and modified with the attactic polypropylene (APP) polymer that is provide high heat stability, elongation and low temperature flexibility i.e. common used for almost all kind of waterproofing applications & protection against damp.

Application areas:

SAPPHIRE 1600 : It is an ideal for all kinds of waterproofing areas, such as Roof, basement, beams and columns, footing, pipe capping, duct & ramp area, swimming pool, water tank, bathrooms & kitchen etc.

Features:-

- Torch applied easy to use.
- Excellent water and heat resistance.
- Flexible at low temperature.
- Excellent adhesion strength.
- Resist against damping.
- Resist attack from salt and alkalis.

General data:

Nominal thickness : 2mm, 3mm, 4mm, 5mm, 6mm.
Nominal size : 1x20, 1x10, 1x8, 1x6 mtr.
Reinforcement : Non woven polyester.
Black surface : Both side with polyethylene film installed under protection course.
Slated surface : Granule stone for exposed are of application.

Quality control:

IZOMAKS INDUSTRIES LLC. Manufacturing facility is certified with the QMS-ISO 9001:2015, HMS-ISO 45001:2018 and EMS-ISO 14001:2015. In order to regular test conducted by IZOMAKS laboratory, our product is tested by independent internal laboratories.

Follow Standards methods:

SAPPHIRE 1600: testing under method standard. ASTM, EN etc.

Packaging:

SAPPHIRE 1600 : is manufacturing in standard size roll are palletized and covered with a shrink wrapped.

Tools required:

Gas torch, Gas cylinder, measuring tape, Trowel, Knife, Marking string etc.

Application method:-

Surface preparation:

The surface must be thoroughly clean, dry, sound and free from crack, loose particles, dust, oil and grease, laitance or other contaminations.

Surface Priming:

The entire surfaces must be primed by solvent based bituminous primer (primer D-41).

Application Limitation:

- Use smooth and flat safety shoe and other required safeties.
- Do not install in moist surfaces or raining weathers.
- Avoid overheating.
- Avoid step up/walking over hot applied membrane.
- Avoid installing second layer continuously.

Installation method:

- SAPPHIRE 1600: can be installed in a multi layers.
- Insure that the surface to be waterproof must be thoroughly clean, dry, sound and free form humidity.
 - Unroll SAPPHIRE membrane with align the side laps of minimum 10cm and then re-roll it.
 - Stand on the unrolled position to prevent shifting with minimum over lap of 10cm and end lap will be 15cm can be installed with fully bonded.
 - Make sure that the heat required only the PE films to be melted and asphalt coating is sufficiently softened press firmly against the lap to ensure complete adhesion.
 - The entire corners, pipes, beam and column section can be waterproof by cut and fit methods.
 - The mineral surfaces can be used for exposed areas either horizontal or vertical surfaces.

Storage & handling:

- Keep the material in dry, cool, ventilated and shaded areas.
- Do not store exposed in the sun or humid areas.
- Do not store pallet above the pallets.

izomaks
SAPPHIRE 1600

P2000 P3000 P4000 P5000 P6000



POLYMASTER POLYESTER

SR	PROPERTIES	UNIT	VALUE	TEST METHOD
1	Softening point	°C	90-100	ASTM D36
2	Penetration	dmm	15 - 20	ASTM D 5
3	Cold Flexibility	°C	+5 to 0	ASTM D 5147
4	Tensile strength @23 + 2 °C			
	Longitudinal	N/5 cm	550	ASTM D 5147
	Transversal		400	
5	Elongation @23 + 2 °C	%		ASTM D 5147
	Longitudinal		40	
	Transversal		45	
6	Lap joint Strength	N/5 cm		UEAtc M.O.A.T 30
	Longitudinal		550	
	Transversal		400	
7	Tear Strength	N		ASTM D5147
	Longitudinal		350	
	Transversal		250	
8	Puncture Resistance	N	600	ASTM E 154
	Static		L3	UEAtc 5.1,9
	Dynamic		I3	UEAtc 4.4.1
9	Dimensional Stability	%		
	Longitudinal		> 0.6	ASTM D 5147
	Transversal		> 0.6	
10	Water Absorption (@ 25°C for 24hrs)	%	< 1	ASTM D 5147
11	Water Vapour Transmission,	g/m2/24hrs	< 0.5	ASTM E 96
12	Resistance to leakage at joints		pass	UEAtc

NOTE : THE ABOVE SHOWN TECHNICAL DATA ARE RESULTS OBTAINED IN LABORATORY AND EXTRA DETAILS CAN BE PROVIDED UPON REQUEST. IN ACCORDANCE TO ASTM AND UEAtc STANDARDS RESULTS ARE SUBJECTED TO A VARIATION OF 20 % .



Torchappliedoxidized bitumen waterproofing membrane reinforced with the non woven polyester mat.

General Description:

POLYMASTER 1600 : is a multi- ply prefabricated torch applied oxidized bitumen membrane, reinforced with the non woven polyester mat and finished with the polyethylene film or slated surfaces. Izomaks waterproofing compound is especially formulated by Blended with blowing grade of bitumen's and extenders that is provide excellent product stability, quick melt is to use almost all kind of waterproofing applications & protection against damps.

Application areas:

POLYMASTER 1600 : It is an ideal for all kind of waterproofing areas, such as Roof, basement, beams and columns, footing, pipe capping, duct & ramp area, swimming pool, water tank, bathrooms etc.

Features:-

- Torch applied easy to use.
- Quick melting and less afford.
- Excellent water resistance. .
- Excellent adhesion strength.
- Resist against damping.
- Resist attack from salt and alkalis.

General data:

Nominal thickness : 3mm 4mm
Nominal size : 1x10mtr.
Reinforcement : Non woven polyester.
Black surface : Both side with polyethylene film installed under protection course.
Slated surface : Granule stone for exposed applications.

Quality control:

IZOMAKS INDUSTRIES LLC. Manufacturing facility is certified with the QMS-ISO 9001:2015, HMS-ISO 45001:2018 and EMS- ISO 14001:2015. In order to regular test conducted by IZOMAKS laboratory, our product is tested by independent internal laboratories.

Follow Compliance standards:

POLYMASTER 1600: testing under standard methods. ASTM, EN etc.

Packaging:

POLYMASTER 1600: is manufacturing in standard size 1x10. And roll are palletized and covered with a shrink-wrapped.

Tools required:

Gas torch, Gas cylinder, measuring tape, Trowel, Knife, Marking string etc.

Application method:-

Surface preparation:
The surface must be thoroughly clean, dry, sound and free from crack, loose particles, dust, oil and grease, laitance or other contaminations. .

Surface Priming:

The entire surfaces must be primed by solvent based bituminous primer (primer D-41).

Application Limitation:

- Use smooth and flat safety shoe and other required safeties.
- Do not install in moist surfaces or raining weathers.
- Avoid overheating.
- Avoid step up/walking over hot applied membrane.
- Avoid installing second layer continuously.

Installation method:

- POLYMASTER 1600: can be installed in a multi layers.
- Insure that the surface to be waterproof must be thoroughly clean, dry, sound and free from humidity.
 - Unroll POLYMASTER FG membrane and align the side laps and re-roll the membrane.
 - Stand on the unrolled position to prevent shifting with minimum over lap of 10cm and end lap will be 15cm can be installed with fully.
 - Make sure that the heat required only the PE films to be melted and asphalt coating is sufficiently softened to bond the membrane. For corners, pipes, beam and column section can be waterproof by cut and fit methods.

Storage & handling:

- Keep the material in dry, cool, ventilated and shaded areas.
- Do not store exposed in the sun or humid areas.
- Do not store pallet above the pallets.

izomaks
POLYMASTER - POLYESTER

P3000 P4000



POLYMASTER - FG

SR	PROPERTIES	UNIT	VALUE	TEST METHOD
1	Softening point	°C	100	ASTM D36
2	Penetration	dmm	15 - 20	ASTM D 5
3	Cold Flexibility	°C	+5 to 0	ASTM D 5147
4	Tensile strength @23 + 2 °C			
	Longitudinal	N/5 cm	450	ASTM D 5147
	Transversal		300	
5	Elongation @23 + 2 °C	%		ASTM D 5147
	Longitudinal		10	
	Transversal		12	
6	Lap joint Strength	N/5 cm		UEAtc M.O.A.T 30
	Longitudinal		450	
	Transversal		300	
7	Tear Strength	N		ASTM D5147
	Longitudinal		350	
	Transversal		250	
8	Puncture Resistance	N	500	ASTM E 154
	Static		L2	UEAtc 5.1,9
	Dynamic		I2	UEAtc 4.4.1
9	Dimensional Stability	%		
	Longitudinal		> 0.6	ASTM D 5147
	Transversal		> 0.6	
10	Water Absorption (@ 25°C for 24hrs)	%	< 1	ASTM D 5147
11	Water Vapour Transmission,	g/m2/24hrs	< 0.5	ASTM E 96
12	Resistance to leakage at joints		pass	UEAtc

NOTE : THE ABOVE SHOWN TECHNICAL DATA ARE RESULTS OBTAINED IN LABORATORY AND EXTRA DETAILS CAN BE PROVIDED UPON REQUEST. IN ACCORDANCE TO ASTM AND UEAtc STANDARDS RESULTS ARE SUBJECTED TO A VARIATION OF 20 % .



Torch applied oxidized bitumen waterproofing membranereinforced with the Glass Fiber.

General Description:

POLYMASTER-FG: is a multi-ply prefabricated torch applied oxidized bitumen membrane, reinforced with the Glass Fiber and finished with the polyethylene film. Izomaks waterproofing compound is especially formulated by Blended with blowing grade of bitumen's and extenders that provide excellent product stability, quick melt and easy to use for almost all kind of waterproofing applications & protection against damp.

Application areas:

POLYMASTER-FG : It is an ideal for all kind of waterproofing areas, such as Roof, basement, beams and columns, footing, pipe capping, duct & ramp area, swimming pool, water tank, bathrooms etc.

Features:-

- Torch applied easy to use.
- Quick melting and less effort.
- Excellent water and heat resistance.
- Excellent adhesion strength.
- Resist against damping.
- Resist attack from salt and alkalis.

General data:

Nominal thickness	: 3mm, 4mm
Nominal size	: 1x10mtr.
Reinforcement	: Glass Fiber.
Black surface	: Both side with polyethylene film installed under protection course.
Slated surface	: Granule stone for exposed application.

Quality control:

IZOMAKS INDUSTRIES LLC. Manufacturing facility is certified with the QMS-ISO 9001:2015, HMS-ISO 45001:2018 and EMS- ISO 14001:2015. In order to regular test conducted by IZOMAKS laboratory, our product is tested by independent internal laboratories.

Follow Standard methods:

POLYMASTER-FG: testing under standard methods. ASTM, EN etc.

Packaging:

POLYMASTER-FG: is manufacturing in standard size 1x10mtrs. And roll are palletized and covered with a shrink-wrapped.

Tools required:

Gas torch, Gas cylinder, measuring tape, Trowel, Knife, Marking string etc.

Application method:-**Surface preparation:**

The surface must be thoroughly clean, dry, sound and free from crack, loose particles, dust, oil and grease, laitance or other contaminations.

Surface Priming:

The entire surfaces must be primed by solvent based bituminous primer (primer D-41).

Application Limitation:

- Use smooth and flat safety shoe and other required safeties.
- Do not install in moist surfaces or raining weathers.
- Avoid overheating.
- Avoid step up/walking over hot applied membrane.
- Avoid installing second layer continuously.

Installation method:

- POLYMASTER FG: can be installed in a multi layers.
- Insure that the surface to be waterproof must be thoroughly clean, dry, sound and free from humidity.
- Unroll POLYMASTER FG membrane and align the side laps and re-roll the membrane.
- Stand on the unrolled position to prevent shifting with minimum over lap of 10cm and end lap will be 15cm can be installed with fully.
- Make sure that the heat required only the PE films to be melted and asphalt coating is sufficiently softened to bond the membrane. For corners, pipes, beam and column section can be waterproof by cut and fit methods.

Storage & handling:

- Keep the material in dry, cool, ventilated and shaded areas.
- Do not store exposed in the sun or humid areas.
- Do not store pallet above the pallets.

izomaks
POLYMASTER FG

FG3000 FG4000



POLIONE FG

SR	PROPERTIES	UNIT	VALUE	TEST METHOD
1	Softening point	°C	>150	ASTM D36
2	Penetration	dmm	15 - 20	ASTM D 5
3	Cold Flexibility	°C	0 to -2	ASTM D 5147
4	Heat Resistance (@120 °C for 2h : 15 min)	Pass	No flow	ASTM D 5147
5	Tensile strength @23 + 2 °C			
	Longitudinal	N/5 cm	450	ASTM D 5147
	Transversal		300	
6	Elongation @23 + 2 °C	%		ASTM D 5147
	Longitudinal		10	
	Transversal		12	
7	Lap joint Strength	N/5 cm		UEAtc M.O.A.T 30
	Longitudinal		450	
	Transversal		300	
8	Tear Strength	N		ASTM D 5147
	Longitudinal		300	
	Transversal		200	
9	Puncture Resistance	N	500	ASTM E 154
	Static		L2	UEAtc 5.1,9
	Dynamic		I2	UEAtc 4.4,1
10	Dimensional Stability	%		
	Longitudinal		> 0.6	ASTM D 5147
	Transversal		> 0.6	
11	Resistance to Aging (after 2000 hrs)		No deterioration	ASTM D 4799
12	Water Absorption (@ 25 °C for 24 hrs)	%	< 1	ASTM D 5147
13	Water Vapour Transmission,	g/m2/24hrs	< 0.5	ASTM E 96
14	Resistance to leakage at joints		pass	UEAtc

NOTE : THE ABOVE SHOWN TECHNICAL DATA ARE RESULTS OBTAINED IN LABORATORY AND EXTRA DETAILS CAN BE PROVIDED UPON REQUEST. IN ACCORDANCE TO ASTM AND UEAtc STANDARDS RESULTS ARE SUBJECTED TO A VARIATION OF 20 % .



izomaks
polione
FG 60

Torch applied APP modified bituminous waterproofing membrane reinforced with the GlassFiber.

General Description:

POLIONE FG : is a multi- ply prefabricated torch applied APP modified bituminous membrane, reinforced with the Glass Fiber and finished with the polyethylene film.

Izomaks waterproofing compound is formulated by Blended with selective grade of bitumen and modified with the attactic polypropylene (APP) polymer that is provide high heat stability, and low temperature flexibility i.e. used as a second layers for waterproofing applications or as a protection membrane.

Application areas:

POLIONE FG : It is an ideal for all kind of waterproofing areas, such as Roofs, balconies and terrace, basement, retaining walls beams and columns, footing, pipe capping, duct & ramp area, swimming pool, water tank, bathrooms etc.

Features:-

- Torch applied easy to use.
- Excellent water and heat resistance.
- Used as a protection membrane.
- Excellent adhesion strength.
- Resist against damping.
- Resist attack from salt and alkalis.

General data:

Nominal thickness : 3, 4, MM
 Nominal size : 1x10 mtrs.
 Reinforcement : Glass Fiber.
 Black surface : Both side with polyethylene film Can be installed as a protection membrane.

Quality control:

IZOMAKS INDUSTRIES LLC. Manufacturing facility is certified with the QMS-ISO 9001:2015, HMS-ISO 45001:2018 and EMS- ISO 14001:2015. In order to regular test conducted by IZOMAKS laboratory, our product is tested by independent internal laboratories.

Follow Standard methods:

POLIONE FG: Testing under standard methods (ASTM, EN etc).

Packaging:

POLIONE FG is manufacturing in standard size and roll are palletized and covered with a shrink-wrapped.

Tools required:

Gas torch, Gas cylinder, measuring tape, Trowel, Knife, Marking string etc.

Application method:-

Surface preparation:

The surface must be thoroughly clean, dry, sound and free from crack, loose particles, dust, oil and grease, laitance or other contaminations.

Surface Priming:

The entire surfaces must be primed by solvent based bituminous primer (primer D-41).

Application Limitation:

- Use smooth and flat safety shoe and other required safeties.
- Do not install in moist surfaces or raining weathers.
- Avoid overheating.
- Avoid step up/walking over hot applied membrane.
- Avoid installing second layer continuously.

Installation method:

POLIONE FG : can be installed as a multi layers or waterproofing and protection membrane.

- Insure that the surface to be waterproof must be thoroughly clean, dry, sound and free form humidity.
- Unroll POLIONE membrane and align the side laps and re-roll the membrane.
- Stand on the unrolled position to prevent shifting with minimum over lap of 10cm and end lap will be 15cm can be installed with fully.
- Make sure that the heat required only the PE films to be melted and asphalt coating is sufficiently softened to bond the membrane. For corners, pipes, beam and column section can be waterproof by cut and fit methods.

Storage & handling:

- Keep the material in dry, cool, ventilated and shaded areas.
- Do not store exposed in the sun or humid areas.
- Do not store pallet above the pallets.

izomaks
polione



IZOPROTECT POLYESTER

SR	PROPERTIES	UNIT	VALUE	TEST METHOD
1	Thickness	mm	3.0, 4.0 & 6.0	ASTM D 5147
2	Length	mt.	2.0	
3	Width	mt.	1.0	
4	Softening point	°C	>150	ASTM D36
5	Penetration	dmm	10	ASTM D 5
6	Heat Resistance (@120 °C for 2h : 15 min)	Pass	No flow	ASTM D 5147
7	Puncture Resistance	N	>1300	ASTM E 154
	Static		L4	UEAtc 5.1,9
	Dynamic		I4	UEAtc 4.4.1
8	Resistance to Aging (after 2000 hrs)		No deterioration	ASTM D 4799
9	Water Absorption (@ 25 °C for 24hrs)	%	< 1	ASTM D 5147
10	Water Vapour Transmission,	g/m2/24hrs	< 0.5	ASTM E 96
11	Resistance to leakage at joints		pass	UEAtc
12	Water Permeability		impermeable	ASTM E 96
13	Chemical and salt resistance	-	Excellect	-

NOTE : THE ABOVE SHOWN TECHNICAL DATA ARE RESULTS OBTAINED IN LABORATORY AND EXTRA DETAILS CAN BE PROVIDED UPON REQUEST. IN ACCORDANCE TO ASTM AND UEAtc STANDARDS RESULTS ARE SUBJECTED TO A VARIATION OF 20 % .



izomaks
IZOPROTECT POLYESTER

Torch applied semi-rigid bituminous protection board with double reinforcement of non woven polyester.

General Description:

IZOPROTECT-P: is a torch applied semi-rigid bituminous protection board, reinforced with the double carrier of non woven polyester with high puncher, and heat resistance to protect waterproof membrane against mechanically stress and impact though the sharp aggregate and other alien matters during back filling while in construction process.

Application areas:

IZOPROTECT-P: It is an ideal for protection of waterproofing membrane and coating system, and such areas, are internal and external wall below ground, basement, beams and columns, footing, pipe capping, car parking, bridge decks, duct & ramp area, highway or airports, swimming pool, water tank, bathrooms etc.

Features:-

- Torch applied easy to use.
- Compatible with waterproofing membrane and liquid coating.
- High puncher and impact resistance.
- Excellent adhesion strength.
- Resist against damping.
- High impact and puncher resistance.
- Resist attack from salt and alkalis.

General data:

Nominal thickness	: 3, 3.2, 3.5, 4, 6 MM
Nominal size	: 1x2 mtrs.
Reinforcement	: Non woven polyester. (Double reinforcement)
Black surface	: Both side with polyethylene film

Quality control:

IZOMAKS INDUSTRIES LLC. Manufacturing facility is certified with the QMS-ISO 9001:2015, HMS-ISO 45001:2018 and EMS- ISO 14001:2015. In order to regular test conducted by IZOMAKS laboratory, our product is tested by independent internal laboratories.

Compliance standards:

IZOPROTECT testing under standard methods is. ASTM, EN etc.

Packing:

IZOPROTECT-P: is manufacturing in standard size 1x2 mtr. And board are palletized and covered with a shrink-wrapped.

Tools required:

Gas torch, Gas cylinder, measuring tape, Trowel, Knife, Marking string etc.

Limitation:

- Avoid installation of board same date, when waterproofing has been done.
- Do not install in moist surfaces or raining weathers.
- Avoid overheating.
- Avoid backfilling same days when protection has been done.

Application method:-**Horizontal surface:**

IZOPROTECT-P: Placed the protection board over applied waterproofing membrane in a series without maintaining any gaps including over and end laps with the fully bonded torched applied from the low points and press firmly to achieve complete adhesion with the membrane surfaces. for intersections and protrusions can be applied by cut and fit methods.

Vertical surface:

Placed the sheets over vertical waterproof surfaces with fully bonded torched applied from the low points and press firmly over the surface keep hold till it sets.

Backfilling:

Backfilling against vertical surfaces should be done within 48 hours after protection board installation has been done.

Storage & handling:

- Keep the material in dry, cool, ventilated and shaded areas.
- Do not store exposed in the sun or humid areas.
- Do not store pallet above the pallets.

izomaks
IZOPROTECT POLYESTER

IZOPROTECT - FG

SR	PROPERTIES	UNIT	VALUE	TEST METHOD
1	Thickness	mm	3.0, 4.0 & 6.0	ASTM D 5147
2	Length	mt.	2.0	
3	Width	mt.	1.0	
4	Softening point	°C	>150	ASTM D36
5	Penetration	dmm	10	ASTM D 5
6	Puncture Resistance	N	500	ASTM E 154
	Static		L2	UEAtc 5.1,9
	Dynamic		I2	UEAtc 4.4.1
7	Resistance to Aging (after 2000 hrs)		No deterioration	ASTM D 4799
8	Water Absorption (@ 25 °C for 24hrs)	%	< 1	ASTM D 5147
9	Water Vapour Transmission,	g/m2/24hrs	< 0.5	ASTM E 96
10	Resistance to leakage at joints		pass	UEAtc
11	Water Permeability		impermeable	ASTM E 96
12	Chemical and salt resistance	-	Excellect	-

NOTE : THE ABOVE SHOWN TECHNICAL DATA ARE RESULTS OBTAINED IN LABORATORY AND EXTRA DETAILS CAN BE PROVIDED UPON REQUEST. IN ACCORDANCE TO ASTM AND UEAtc STANDARDS RESULTS ARE SUBJECTED TO A VARIATION OF 20 % .



izomaks
IZOPROTECT FG

Torch applied semi-rigid bituminous protection board with double reinforcement of Glass Fiber.

General Description:

IZOPROTECT-FG : is a torch applied semi-rigid bituminous protection board, reinforced with the double carrier of Glass Fiber. It provide high puncher, and heat resistance to protect waterproof membrane against mechanically stress and impact though the sharp aggregate and other alien matters during back filling while in construction process.

Application areas:

IZOPROTECT-FG : It is an ideal for protection of waterproofing membrane and coating system, and such areas, are internal and external wall below ground, basement, beams and columns, footing, pipe capping, car parking, bridge decks, duct & ramp area, highway or airports, swimming pool, water tank, bathrooms etc.

Features:-

- Torch applied easy to use.
- Compatible with all types of waterproofing membrane and liquid coating.
- Water resistant, withstands wet soil conditions.
- High puncher and impact resistance.
- Excellent adhesion strength.
- Resist against damping.
- High impact and puncher resistance.
- Resist attack from salt and alkalis.

General data:

Nominal thickness: 3, 3.2, 3.5, 4, 6 MM
Nominal size : 1x2 mtrs.
Reinforcement : Glass Fiber. (Double reinforcement).
Black surface : Both side with polyethylene film

Quality control:

IZOMAKS INDUSTRIES LLC. Manufacturing facility is certified with the QMS-ISO 9001:2015, HMS-ISO 45001:2018 and EMS- ISO 14001:2015. In order to regular test conducted by IZOMAKS laboratory, our product is tested by independent internal laboratories.

Standard methods:

IZOPROTECT-FG: testing under standard methods is. ASTM, EN etc.

Packaging:

IZOPROTECT-FG : is manufacturing in standard size 1x2 mtr. And board are palletized and covered with a shrink-wrapped.

Tools required:

Gas torch, Gas cylinder, Measuring tape, Trowel, Knife, Marking string etc.

Limitation:

- Avoid installation of board same date, when waterproofing has been done.
- Do not install in moist surfaces or raining weathers.
- Avoid overheating.
- Avoid backfilling same days when protection has been done.

Application method:-**Horizontal surface:**

IZOPROTECT-FG : Placed the protection board over applied waterproofing membrane in a series without maintaining any gaps including over and end laps with the fully bonded torched applied from the low points and press firmly to achieve complete adhesion against the membrane surfaces. For intersections and protrusions can be applied by cut and fit methods.

Vertical surface:

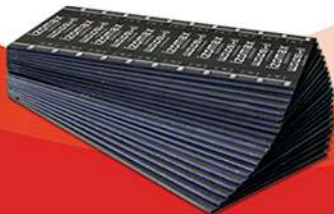
Placed the sheets over vertical waterproof surfaces with fully bonded torched applied from the low points and press firmly over the surface keep hold till it sets.

Backfilling:

Backfilling against vertical surfaces should be done within 48 hours after protection board installation has been done.

Storage & handling:

- Keep the material in dry, cool, ventilated and shaded areas.
- Do not store exposed in the sun or humid areas.
- Do not store pallet above the pallets.



IZOPROTECT MEMBRANE

SR	PROPERTIES	UNIT	VALUE	TEST METHOD
1	Thickness	mm	3.0, 4.0 & 6.0	ASTM D 5147
2	Length	mt.	2.0	
3	Width	mt.	1.0	
4	Softening point	°C	>150	ASTM D36
5	Penetration	dmm	12	ASTM D 5
6	Heat Resistance (@120 °C for 2h : 15 min)	Pass	No flow	ASTM D 5147
7	Puncture Resistance	N	1000	ASTM E 154
	Static		L4	UEAtc 5.1,9
	Dynamic		I4	UEAtc 4.4.1
8	Resistance to Aging (after 2000 hrs)		No deterioration	ASTM D 4799
9	Water Absorption (@ 25 °C for 24hrs)	%	< 1	ASTM D 5147
10	Water Vapour Transmission,	g/m2/24hrs	< 0.5	ASTM E 96
11	Resistance to leakage at joints		pass	UEAtc
12	Water Permeability		impermeable	ASTM E 96
13	Chemical and salt resistance	-	Excellect	-

NOTE : THE ABOVE SHOWN TECHNICAL DATA ARE RESULTS OBTAINED IN LABORATORY AND EXTRA DETAILS CAN BE PROVIDED UPON REQUEST. IN ACCORDANCE TO ASTM AND UEAtc STANDARDS RESULTS ARE SUBJECTED TO A VARIATION OF 20 % .



izomaks
IZOPROTECT POLYESTER

Torch applied flexible semi-rigid bituminous protection membrane reinforced with the non woven polyester.

General Description:

IZOPROTECT-P: is a torch applied flexible semi-rigid bituminous protection membrane, reinforced with the non woven polyester with high puncher, and heat resistance to protect waterproof membrane against mechanically stress and impact though the sharp aggregate and other alien matters during back filling while in construction process.

Application areas:

IZOPROTECT-P: It is an ideal for protection of waterproofing membrane and coating system, and such areas, are internal and external wall below ground, basement, beams and columns, footing, pipe capping, car parking, bridge decks, duct & ramp area, highway or airports, swimming pool, water tank, bathrooms etc.

Features:-

- Torch applied easy to use.
- Compatible with waterproofing membrane and liquid coating
- High puncher and impact resistance.
- Excellent adhesion strength.
- Resist against damping.
- High impact and puncher resistance.
- Resist attack from salt and alkalis.

General data:

Nominal thickness : 2mm, 3mm, 4mm, 5mm, 6mm.
Nominal size : 1x10, 1x8, 1x6mtr.
Reinforcement : Non woven polyester mat.
Reinforcement : Non woven polyester mat. Black surface : Both side with polyethylene film

Quality control:

IZOMAKS INDUSTRIES LLC. Manufacturing facility is certified with the QMS-ISO 9001:2015, HMS-ISO 45001:2018 and EMS- ISO 14001:2015. In order to regular test conducted by IZOMAKS laboratory, our product is tested by independent internal laboratories.

Follow Standard methods:

IZOPROTECT testing under standard methods is. ASTM, EN etc.

Packaging:

IZOPROTECT-P: is manufacturing in standard size And roll are palletized and covered with a shrink-wrapped.

Tools required:

Gas torch, Gas cylinder, measuring tape, Trowel, Knife, Marking string etc.

Limitation:

- Avoid installation of board same date, when waterproofing has been done.
- Do not install in moist surfaces or raining weathers.
- Avoid overheating.
- Avoid backfilling same days when protection has been done.

Application method:-

IZOPROTECT-P: can be installed in a system.
• Stand on the unrolled position to prevent shifting with minimum over lap of 10cm and end lap will be 15cm can be installed with fully bonded to the applied waterproof surface.
• Make sure that the heat required only the PE films to be melted and asphalt coating is sufficiently softened to bond the membrane press firmly over entire surface to archived proper adhesion. For corners, pipes beam and column section can be protected by cut and fit methods.

Backfilling:

Backfilling against vertical surfaces should be done within 48 hours after protection board installation has been done.

Storage & handling:

- Keep the material in dry, cool, ventilated and shaded areas.
- Do not store exposed in the sun or humid areas.
- Do not store pallet above the pallets

izomaks
IZOPROTECT MEMBRANE

IZOSELF POLYESTER-CROSS LAMINATED (HDPE)

SR	PROPERTIES	UNIT	VALUE	TEST METHOD
1	Softening point	°C	90-100	ASTM D 36
2	Penetration	dmm	70	ASTM D 5
3	Cold Flexibility	°C	>-25	ASTM D 5147
4	Reinforcement		polyester	ASTM D 5147
5	Tensile strength @23 + 2 °C			
	Longitudinal	N/5 cm	500	ASTM D 412
	Transversal		300	
6	Film Elongation @23 + 2 °C	%		ASTM D 412
	Longitudinal		300	
	Transversal		350	
7	Lap joint Strength	N/5 cm		UEAtc
	Longitudinal		500	
	Transversal		300	
8	Tear Strength	N		ASTM D 624
	Longitudinal		350	
	Transversal		200	
9	Puncture Resistance	N	500	ASTM E 154
10	Resistance to accelerated aging (weather- O-meter)		Pass	ASTM G 53
	2000 hrs (equals 10 years exposure to elements)			
11	Water Absorption (@ 25 °C for 24hrs)	%	< 0.5	ASTM D 5147
12	Water Vapour Transmission,	g/m2/24hrs	<0.2	ASTM E 96
13	Adhesion Strength ,			
	To primed concrete	N/mm	3.2	ASTM D 1000
	To self	N/mm	3.2	ASTM D 1000
14	Impermeability of welded seams to water pressure	-	Absolutely Impermeable	UEAtc
15	Resistance to chemicals	-	Good/ Conform	ASTM D 543

NOTE : THE ABOVE SHOWN TECHNICAL DATA ARE RESULTS OBTAINED IN LABORATORY AND EXTRA DETAILS CAN BE PROVIDED UPON REQUEST. IN ACCORDANCE TO ASTM AND UEAtc STANDARDS RESULTS ARE SUBJECTED TO A VARIATION OF 20 % .



izomaks
IZOSELF POLYESTER
HDPE

SBS Modified self adhesive bituminous membrane reinforced with the non woven polyester and topping with Cross Laminated (HDPE) film.

General Description:

IZOSELF HDPE: is a high performance cold applied, multi-ply prefabricated SBS modified self adhesive bituminous membrane, reinforced with the non woven polyester and backing with the tough Cross laminated HDPE film. Which provides outstanding physical properties and product stability, quick release film in order to ensure clean adhesion.

Application areas:

IZOSELF HDPE: is an high performance self adhesive waterproof membrane design for all kind surfaces such as concrete, bituminous, metal, ply, and wood surfaces, and such areas are roofs, basement, swimming pool, water tank, seepage, bathrooms, terraces, metal Roof, beams and columns, footing, pipe capping, car parking, bridge decks, duct & ramp area, highway or airports, .

Features:-

- Cold applied self adhesive easy to use.
- Less installation cost and min. effort.
- Self adhesive against all kind of surfaces.
- High tensile, elongation and tear strength.
- Excellent adhesion and weather resistance.
- More self life.
- Protection against salt, alkalis and acid found in ground waters.

General data:

Nominal thickness : 1.6mm, 2mm, 3mm, 4mm.
Nominal size : 1x20, 1x15, 1x10mtr.
Reinforcement : Non woven polyester.
Upper surface : Cross laminated (HDPE) film.
Lower surface : Silicized release film.

Quality control:

IZOMAKS INDUSTRUES LLC. Manufacturing facility is certified with the QMS-ISO 9001:2015, HMS-ISO 45001:2018 and EMS- ISO 14001:2015. In order to regular test conducted by IZOMAKS laboratory, our product is tested by independent internal laboratories.

Follow Standard methods:

IZOSELF HDPE: testing under standard methods. ASTM, EN etc.

Packaging:

IZOSELF HDPE: is manufacturing in standard size And roll are palletized and covered with a shrinkwrapped.

Tools required:

Measuring tape, Knife, Marking string plastic roller etc.

Surface preparation:

The surface must be thoroughly clean, totally dry, sound and free from crack, dust, laitance, oil and grease, debris, loose particles or other contamination.

Surface Priming:

The entire surfaces must be primed, allow one coat of IZOMAKS PRIMER-solvent based bituminous primer (primer D-41) at the rate of 0.2-0.3Ltr/m² . It should be complete dry before installation of waterproofing membrane.

Application method:-

IZOSELF HDPE: can be installed in a single layer of waterproof system.

- Insure that the surface to be waterproof must be thoroughly clean, dry, sound and free form humidity.
- In cold weather conditions below 20° C, it is essential to heat the primed surfaces trough hot air gun or gas torch before applying the membrane.
- Stand the sifting position align the roll with minimum 10cm of overlap and 15cm of end laps.
- Peeling of the silicized release film from waterproof membrane allow adhesive against primed substrate, and press firmly by using rubber hand roller, from the midpoint to the edges in order to expel any trapped air bubbles and to insure good contacts to the prime substrate and overlap or end lap are perfectly sealed while hand rolling.

Storage & handling:

- Keep the material in dry, cool, ventilated and shaded areas.
- Do not store exposed in the sun or humid areas.
- Do not store pallet above the pallets.

izomaks
IZOSELF POLYESTER
HDPE



IZOSELF POLYESTER - ALUMINIUM

SR	PROPERTIES	UNIT	VALUE	TEST METHOD
1	Softening point	°C	90-100	ASTM D 36
2	Penetration	dmm	70	ASTM D 5
3	Cold Flexibility	°C	>-25	ASTM D 5147
4	Reinforcement		polyester	ASTM D 5147
5	Tensile strength @23 + 2 °C			
	Longitudinal	N/5 cm	500	ASTM D 412
	Transversal		300	
6	Elongation @23 + 2 °C	%		ASTM D 412
	Longitudinal		45	
	Transversal		50	
7	Lap joint Strength	N/5 cm		UEAtc
	Longitudinal		500	
	Transversal		300	
8	Tear Strength	N		ASTM D 624
	Longitudinal		300	
	Transversal		200	
9	Puncture Resistance	N	500	ASTM E 154
10	Resistance to accelerated aging (weather- O-meter)		Pass	ASTM G 53
	2000 hrs (equals 10 years exposure to elements)			
11	Water Absorption (@ 25 °C for 24hrs)	%	< 0.5	ASTM D 5147
12	Water Vapour Transmission,	g/m2/24hrs	<0.2	ASTM E 96
13	Adhesion Strength ,			
	To primed primed	N/mm	3.1	ASTM D 1000
	To self	N/mm	3.1	ASTM D 1000
14	Impermeability of welded seams to water pressure	-	Absolutely Impermeable	UEAtc
15	Resistance to chemicals	-	Good/ Conform	ASTM D 543

NOTE : THE ABOVE SHOWN TECHNICAL DATA ARE RESULTS OBTAINED IN LABORATORY AND EXTRA DETAILS CAN BE PROVIDED UPON REQUEST. IN ACCORDANCE TO ASTM AND UEAtc STANDARDS RESULTS ARE SUBJECTED TO A VARIATION OF 20 % .



izomaks
IZOSELF POLYESTER
ALUMINIUM

SBS Modified self adhesive bituminous membrane reinforced with the non woven polyester mat and topping with Aluminium film (AL).

General Description:

IZOSELF-AL is a cold applied, highly flexible SBS modified self adhesive bituminous membrane, reinforced with the non woven polyester. Backing with the Aluminium film. Which is providing outstanding physical properties and product stability or excellent in heat and UV resistance, heat resist almost 10-150 °C degree from the surface temperature and quick release film in order to ensure clean adhesion.

Application areas:

IZOSELF-AL: it is specially design for exposed area of waterproofing such areas are concrete or metal roofs, balconies, water tanks, basement, swimming pool, seepage, bathrooms, terraces, beams and columns, footing, pipe capping, car parking, bridge decks etc.

Features:-

- Cold applied self adhesive easy to use.
- Temperature resists almost 10-150 °C from the surfaces temperature.
- Self adhesive against all kind of surfaces.
- High tensile, elongation and tear strength.
- Excellent adhesion and weather resistance and can be exposed permanently.
- More self life.
- Protection against salt, alkalis and acid found in ground waters.

General data:

Nominal thickness : 1.6mm, 2mm, 3mm, 4mm.
Nominal size : 1x20, 1x15, 1x10 mtr.
Reinforcement : Non woven polyester.
Upper surface : Aluminium foils (AL).
Lower surface : Siliconized release film.

Quality control:

IZOMAKS INDUSTRIES LLC. Manufacturing facility is certified with the QMS-ISO 9001:2015, HMS-ISO 45001:2018 and EMS- ISO 14001:2015. In order to regular test conducted by IZOMAKS laboratory, our product is tested by independent internal laboratories.

Follow Standard methods:

IZOSELF-AL: testing under standard methods. ASTM, EN etc.

Packaging:

IZOSELF-AL: is manufacturing in standard size and roll are palletized and covered with a shrink-wrapped.

Tools required:

Measuring tape, Knife, Marking string roller etc.

Application method:-

Surface preparation:

The surface must be thoroughly clean, totally dry, sound and free from crack, dust, laitance, oil and grease, debris, loose particles or other from contaminations.

Surface Priming:

The entire surfaces must be primed, allow one coat of IZOMAKS PRIMER-solvent based bituminous primer (primer D-41) at the rate of 0.2-0.3Ltr/m2 . It should be complete dry before installation of waterproofing membrane.

Installation method:-

IZOSELF-AL: can be installed in a single layer of waterproof system.

- Insure that the surface to be waterproof must be thoroughly clean, dry, sound and free form humidity.
- In cold weather conditions below 200°C, it is essential to heat the primed surfaces trough hot air gun or gas torch before applying the membrane.
- Stand the sifting position align the roll with minimum 10cm of overlap and 15cm of end laps.
- Peeling of the siliconized release film from waterproof membrane allow adhesive against primed substrate, and press firmly by using rubber hand roller, from the midpoint to the edges in order to expel any trapped air bubbles and to insure good contacts to the prime substrate and overlap or end lap are perfectly sealed while hand rolling.

Storage & handling:

- Keep the material in dry, cool, ventilated and shaded areas.
- Do not store exposed in the sun or humid areas.
- Do not store pallet above the pallets.

izomaks
IZOSELF POLYESTER
ALUMINIUM



IZOSELF POLYESTER (PET/PE)

SR	PROPERTIES	UNIT	VALUE	TEST METHOD
1	Softening point	°C	90-100	ASTM D 36
2	Penetration	dmm	70	ASTM D 5
3	Cold Flexibility	°C	> -25	ASTM D 5147
4	Reinforcement		polyester	ASTM D 5147
5	Tensile strength @23 + 2 °C			
	Longitudinal	N/5 cm	500	ASTM D 412
	Transversal		300	
6	Elongation @23 + 2 °C	%		ASTM D 412
	Longitudinal		45	
	Transversal		50	
7	Lap joint Strength	N/5 cm		UEAtc
	Longitudinal		500	
	Transversal		300	
8	Tear Strength	N		ASTM D 624
	Longitudinal		300	
	Transversal		200	
9	Puncture Resistance	N	500	ASTM E 154
10	Resistance to accelerated aging (weather- O-meter) 2000 hrs (equals 10 years exposure to elements)		Pass	ASTM G 53
11	Water Absorption (@ 25 °C for 24hrs)	%	< 0.5	ASTM D 5147
12	Water Vapour Transmission,	g/m2/24hrs	<0.2	ASTM E 96
13	Adhesion Strength ,	N/mm		
	To primed concrete	N/mm	3.0	ASTM D 1000
	To self	N/mm	3.0	ASTM D 1000
14	Impermeability of welded seams to water pressure	-	Absolutely Impermeable	UEAtc
15	Resistance to chemicals	-	Good/ Conform	ASTM D 543

NOTE : THE ABOVE SHOWN TECHNICAL DATA ARE RESULTS OBTAINED IN LABORATORY AND EXTRA DETAILS CAN BE PROVIDED UPON REQUEST. IN ACCORDANCE TO ASTM AND UEAtc STANDARDS RESULTS ARE SUBJECTED TO A VARIATION OF 20 % .



izomaks
IZOSELF POLYESTER
(PET/PE)

SBS Modified self adhesive bituminous membrane reinforced with the non woven polyester mat and topping with (PET/PE) film.

General Description:

IZOSELF PET/PE: is a cold applied, high performance multi-ply prefabricated SBS modified self adhesive bituminous membrane, reinforced with the non woven polyester. Backing with the PET/PE. Which is providing outstanding physical properties and product stability quick release film in order to ensure clean adhesion.

Application areas:

IZOSELF PET/PE : is an high performance self adhesive waterproof membrane design for all kind surfaces such as concrete, bituminous, metal, ply, and wood surfaces, and such areas are roofs, basement, swimming pool, water tank, seepage, bathrooms, terraces, metal Roof, beams and columns, footing, pipe capping, car parking, bridge decks, duct & ramp area, highway or airports, .

Features:-

- Cold applied self adhesive easy to use.
- Less installation cost and min. effort.
- Self adhesive against all kind of surfaces.
- High tensile, elongation and tear strength.
- Excellent adhesion and weather resistance.
- More self life.
- Protection against salt, alkalis and acid found in ground waters.

General data:

Nominal thickness : 1.6mm, 2mm, 3mm, 4mm.
Nominal size : 1x20, 1x15, 1x10mtr.
Reinforcement : Non woven polyester.
Upper surface : Polyethylene film (PE/PET).
Lower surface : Siliconized release film.

Quality control:

IZOMAKS INDUSTRIES LLC. Manufacturing facility is certified with the QMS-ISO 9001:2015, HMS-ISO 45001:2018 and EMS- ISO 14001:2015. In order to regular test conducted by IZOMAKS laboratory, our product is tested by independent internal laboratories.

Follow Standard methods:

IZOSELF PET/PE: testing under standard methods. ASTM, EN etc.

Packaging:

IZOSELF PET/PE : is manufacturing in standard size And roll are palletized and covered with a shrinkwrapped.

Tools required:

Measuring tape, Knife, Marking string plastic roller etc.

Surface preparation:

The surface must be thoroughly clean, totally dry, sound and free from crack, dust, laitance, oil and grease, debris, loose particles or other contamination.

Surface Priming:

The entire surfaces must be primed, allow one coat of IZOMAKS PRIMER-solvent based bituminous primer (primer D-41) at the rate of 0.2-0.3Ltr/m² . It should be complete dry before installation of waterproofing membrane.

Application method:-

IZOSELF PET/PE: can be installed in a single layer of waterproof system.

- Insure that the surface to be waterproof must be thoroughly clean, dry, sound and free form humidity.
- In cold weather conditions below 20° C, it is essential to heat the primed surfaces trough hot air gun or gas torch before applying the membrane.
- Stand the sifting position align the roll with minimum 10cm of overlap and 15cm of end laps.
- Peeling of the siliconized release film from waterproof membrane allow adhesive against primed substrate, and press firmly by using rubber hand roller from the midpoint to the edges in order to expel any trapped air bubbles and to insure good contacts to the prime substrate and overlap or end lap are perfectly sealed while hand rolling.

Storage & handling:

- Keep the material in dry, cool, ventilated and shaded areas.
- Do not store exposed in the sun or humid areas.
- Do not store pallet above the pallets.

izomaks
IZOSELF POLYESTER
(PET / PE)



IZOSELF - FG CROSS LAMINATED (HDPE)

SR	PROPERTIES	UNIT	VALUE	TEST METHOD
1	Softening point	°C	90-100	ASTM D 36
2	Penetration	dmm	70	ASTM D 5
3	Cold Flexibility	°C	> -25	ASTM D 5147
4	Reinforcement		Glass Fiber	ASTM D 5147
5	Tensile strength @23 + 2 °C			
	Longitudinal	N/5 cm	450	ASTM D 412
	Transversal		300	
6	Film Elongation @23 + 2 °C	%		ASTM D 412
	Longitudinal		300	
	Transversal		350	
7	Lap joint Strength	N/5 cm		UEAtc
	Longitudinal		450	
	Transversal		300	
8	Tear Strength	N		ASTM D 624
	Longitudinal		350	
	Transversal		250	
9	Puncture Resistance	N	300	ASTM E 154
10	Resistance to accelerated aging (weather- O-meter)		Pass	ASTM G 53
	2000 hrs (equals 10 years exposure to elements)			
11	Water Absorption (@ 25 °C for 24hrs)	%	< 0.5	ASTM D 5147
12	Water Vapour Transmission,	g/m2/24hrs	<0.2	ASTM E 96
13	Adhesion Strength ,			
	To primed concrete	N/mm	2.2	ASTM D 1000
	To self	N/mm	2.2	ASTM D 1000
14	Impermeability of welded seams to water pressure	-	Absolutely Impermeable	UEAtc
15	Resistance to chemicals	-	Good/ Conform	ASTM D 543

NOTE : THE ABOVE SHOWN TECHNICAL DATA ARE RESULTS OBTAINED IN LABORATORY AND EXTRA DETAILS CAN BE PROVIDED UPON REQUEST. IN ACCORDANCE TO ASTM AND UEAtc STANDARDS RESULTS ARE SUBJECTED TO A VARIATION OF 20 % .



izomaks
IZOSELF - FG - HDPE

SBS Modified self adhesive bituminous membrane reinforced with the Glass Fiber topping with cross laminated (HDPE) film.

General Description:

IZOSELF HDPE: is a high performance cold applied, multi-ply prefabricated SBS modified self adhesive bituminous membrane, reinforced with Glass Fiber and topped with a tough Cross laminated HDPE film. Which is provides outstanding physical properties and product stability, quick release film in order to ensure clean adhesion.

Application areas:

IZOSELF HDPE: is design for all kind substrates such as concrete, bituminous, metal, ply, and wood etc, and such areas are roofing, basement, swimming pool, water tank, seepage, bathrooms, terraces, metal Roof, beams and columns, footing, pipe capping, car parking, bridge decks, duct & ramp area, highway or airports, .

Features:-

- Cold applied self adhesive easy to use.
- Less installation cost and min. effort.
- Self adhesive against all kind of surfaces.
- High tensile, elongation and tear strength.
- Excellent adhesion and weather resistance.
- Higher self life.
- Protection against salt, alkalis and acid found in ground waters.

General data:

Nominal thickness	: 1.6mm, 2mm, 3mm, 4mm.
Nominal size	: 1x20, 1x15, 1x10mtr.
Reinforcement	: Glass Fiber.
Upper surface	: Cross laminated (HDPE) film.
Lower surface	: Siliconized release film.

Quality control:

IZOMAKS INDUSTRIES LLC. Manufacturing facility is certified with the QMS-ISO 9001:2015, HMS-ISO 45001:2018 and EMS- ISO 14001:2015. In order to regular test conducted by IZOMAKS laboratory, our product is tested by independent internal laboratories.

Follow Standard methods:

IZOSELF HDPE: complies with the list standard. (ASTM, EN etc.)

Packaging:

IZOSELF HDPE: is manufacturing in standard size and roll are palletized and covered with a shrink-wrapped.

Tools required:

Measuring tape, Knife, Marking string, plastic roller etc.

Surface preparation:

The surface must be thoroughly clean, totally dry, sound and free from crack, dust, laitance, oil and grease, debris, loose particles or other contamination.

Surface Priming:

The entire surfaces must be primed, allow one coat of IZOMAKS PRIMER-solvent based bituminous primer (primer D-41) at the rate of 0.2-0.3Ltr/m². It should be complete dry before installation of waterproofing membrane.

Application method:-

IZOSELF HDPE: can be installed in a single layer of waterproof system.

- Insure that the surface to be waterproof must be thoroughly clean, dry, sound and free form humidity.
- In cold weather conditions below 200 C, it is essential to heat the primed surfaces trough hot air gun or gas torch before applying the membrane.
- Stand the sifting position align the roll with minimum 10cm of overlap and 15cm of end laps.
- Peeling of the siliconized release film from waterproof membrane allow adhesive against primed substrate, and press firmly by using rubber hand roller, from the midpoint to the edges in order to expel any trapped air bubbles and to insure good contacts to the prime substrate and overlap or end lap are perfectly sealed while hand rolling.

Storage & handling:

- Keep the material in dry, cool, ventilated and shaded areas.
- Don't store exposed in the sun or humid area.
- Don't store pallet above the pallets.

izomaks
IZOSELF - FG - HDPE

IZOSELF - FG - (PET/PE)

SR	PROPERTIES	UNIT	VALUE	TEST METHOD
1	Softening point	°C	90-100	ASTM D 36
2	Penetration	dmm	70	ASTM D 5
3	Cold Flexibility	°C	> -25	ASTM D 5147
4	Reinforcement		Glass Fiber	ASTM D 5147
5	Tensile strength @23 + 2 °C			
	Longitudinal	N/5 cm	450	ASTM D 412
	Transversal		300	
6	Elongation @23 + 2 °C	%		ASTM D 412
	Longitudinal		35	
	Transversal		35	
7	Lap joint Strength	N/5 cm		UEAtc
	Longitudinal		450	
	Transversal		300	
8	Tear Strength	N		ASTM D 624
	Longitudinal		300	
	Transversal		200	
9	Puncture Resistance	N	300	ASTM E 154
10	Resistance to accelerated aging (weather- O-meter)		Pass	ASTM G 53
	2000 hrs (equals 10 years exposure to elements)			
11	Water Absorption (@ 25 °C for 24hrs)	%	< 0.5	ASTM D 5147
12	Water Vapour Transmission,	g/m2/24hrs	<0.2	ASTM E 96
13	Adhesion Strength ,			
	To primed concrete	N/mm	2.2	ASTM D 1000
	To self	N/mm	2.2	ASTM D 1000
14	Impermeability of welded seams to water pressure	-	Absolutely Impermeable	UEAtc
15	Resistance to chemicals	-	Good/ Conform	ASTM D 543

NOTE : THE ABOVE SHOWN TECHNICAL DATA ARE RESULTS OBTAINED IN LABORATORY AND EXTRA DETAILS CAN BE PROVIDED UPON REQUEST. IN ACCORDANCE TO ASTM AND UEAtc STANDARDS RESULTS ARE SUBJECTED TO A VARIATION OF 20 % .



izomaks
IZOSELF - FG - (PET/PE)

SBS Modified self adhesive bituminous membrane reinforced with the Glass Fiber backing with Polyethylene (PET/PE) film.

General Description:

IZOSELF PET/PE: is a cold applied, high performance multi-ply prefabricated SBS modified self adhesive bituminous membrane, reinforced with Glass Fiber. Backing with the PET/PE film. Which provides outstanding physical properties and product stability quick release film in order to ensure clean adhesion.

Application areas:

IZOSELF PET/PE: is an high performance self adhesive waterproof membrane design for all kind surfaces such as concrete, bituminous, metal, ply, and wood surfaces, and such areas are roofs, basement, swimming pool, water tank, seepage, bathrooms, terraces, metal Roof, beams and columns, footing, pipe capping, car parking, bridge decks, duct & ramp area, highway or airports, .

Features:-

- Cold applied self adhesive easy to use.
- Less installation cost and min. effort.
- Self adhesive against all kind of surfaces.
- High tensile, elongation and tear strength.
- Excellent adhesion and weather resistance.
- More self life.
- Protection against salt, alkalis and acid found in ground waters.

General data:

Nominal thickness : 1.6mm, 2mm, 3mm, 4mm.
Nominal size : 1x20, 1x15, 1x10 mtrs.
Reinforcement : Glass Fiber.
Upper surface : Polyethylene film (PE/PET).
Lower surface : Siliconized release film.

Quality control:

IZOMAKS INDUSTRIES LLC. Manufacturing facility is certified with the QMS-ISO 9001:2015, HMS-ISO 45001:2018 and EMS- ISO 14001:2015. In order to regular test conducted by IZOMAKS laboratory, our product is tested by independent internal laboratories.

Follow Standard methods:

IZOSELF PET/PE: testing under standard methods. ASTM, EN etc.

Packaging:

IZOSELF PET/PE: is manufacturing in standard size. And roll are palletized and covered with a shrink-wrapped.

Tools required:

Measuring tape, Knife, Marking string rubber roller etc.

Surface preparation:

The surface must be thoroughly clean, totally dry, sound and free from crack, dust, laitance, oil and grease, debris, loose particles or other contamination.

Surface Priming:

The entire surfaces must be primed, allow one coat of IZOMAKS PRIMER-solvent based bituminous primer (primer D-41) at the rate of 0.2-0.3Ltr/m² . It should be complete dry before installation of waterproofing membrane.

Application method:-

- IZOSELF PET/PE: can be installed in a single layer of waterproof system.
- Insure that the surface to be waterproof must be thoroughly clean, dry, sound and free form humidity.
 - In cold weather conditions below 200 C, it is essential to heat the primed surfaces trough hot air gun or gas torch before applying the membrane.
 - Stand the sifting position align the roll with minimum 10cm of overlap and 15cm of end laps.
 - Peeling of the siliconized release film from waterproof membrane allow adhesive against primed substrate, and press firmly by using rubber hand roller, from the midpoint to the edges in order to expel any trapped air bubbles and to insure good contacts to the prime substrate and overlap or end lap are perfectly sealed while hand rolling

Storage & handling:

- Keep the material in dry, cool, ventilated and shaded areas.
- Don't store exposed in the sun or humid areas.
- Don't store pallet above the pallets.

izomaks
IZOSELF - FG - (PET/PE)



PRIMER D-41

COLD APPLIED FAST DRYING PRIMER FOR GENERAL PURPOSES ASTM D-41

		TEST METHOD	MIN	MAX
1	Saybolt Furol viscosity at 25 °C	ASTM D88	75	125
2	Flash point (tag open cup) °C	ASTM 3143	40	-
3	Density Kg/Ltr at 25°C	ASTM D-41	0.85	0.90
4	Bitumen softening point °C	ASTM D36	90	100
5	Distillation:			
	Distillate, vol.% of total distillate to 360 °C:	ASTM D402		
	Up to 225 °C		37	-
	Up to 316 °C		-	55
6	Tests on residue from distillation:	ASTM D5	25	50
	Penetration at 25 °C, 0.1 mm			
7	solubility in trichloroethylene %	ASTM D2042	99	-
8	water, volume %	ASTM D-95	-	0.2
9	drying time at 25 °C in hours		1	2

NOTE : THE ABOVE SHOWN TECHNICAL DATA ARE RESULTS OBTAINED IN LABORATORY AND EXTRA DETAILS CAN BE PROVIDED UPON REQUEST. IN ACCORDANCE TO ASTM AND UEAtc STANDARDS RESULTS ARE SUBJECTED TO A VARIATION OF 20 % .



izomaks
PRIMER D-41

izomaks PRIMER D-41 is a premium quality , cold applied , fast curing primer, complies with the requirements and specifications of ASTM D-41 standard, Which is blended with selective grade of oxidized bitumen and fast curing solvents, wetting and saturation additives

USES

izomaks PRIMER D-41 is a universal primer that can be use concrete roofing, brick, metal wall surface and waterproofing below or above ground level. It helps to the waterproofing materials adhere better to the application of modified bitumen membranes

STORAGE

izomaks PRIMER D-41 should be stored under ventilated covered store at temperature between 5°C and 30°C. The shelf life of 12 months can be expected for unopened containers stored properly.

APPLICATION

The surface to be waterproofed should be clean, dry and free from oil, grease and any other foreign matters. IZOMAKS PRIMER D-41 should be thoroughly stirred before use and applied to the substrate by soft brush, roller or spray at the rate of (200-300)g/m² . Before application of subsequent layers should allowed to dry

PACKAGING

Available in 200kg, 100kg and 18Ltr.

COVERAGE

at the rate of (0.2-0.3) Ltr/m² by roller, soft brush or spray to dump or dry surfaces.

CLEANING

TOOLS Clean with petroleum solvents.

HANDS Use a hand cleaner or solvent followed by soap and water.

STANDARD

Exceed the performance requirements of ASTM D-41.

HEALTH & SAFTY

Contains petroleum grades of solvent; flammable; keep away from open fire, spark or other ignition sources. were protective cloths, safety shoe, gloves, and goggles.

HEALTH & SAFTY

FIRE Flammable when wet flash point 40c.

SKIN Avoid repeated or prolonged skin contact; if contact occurs remove with hand cleaner that removes oil and grease; when clean with soap and water.

EYES No special precautions required. But if eyes contact cause irritation. flush with clean water.

izomaks
PRIMER D-41

IZOPROOF

COLD APPLIED FAST DRYING PRIMER FOR GENERAL PURPOSES ASTM IZOPROOF

		TEST METHOD	MIN	MAX
1	Saybolt Furol viscosity at 60°C	ASTM D88	200	300
2	Flash point (tag open cup)°C	ASTM D3143	40	-
3	Density Kg/Ltr at 25°C	ASTM D-3142	0.90	0.98
4	Bitumen softening point °C	ASTM D36	80	90
5	Distillation:	ASTM D402		
	Distillate, vol.% of total distillate to 360 °C:			
	Up to 225°C		35	-
	Up to 316°C		-	50
6	Tests on residue from distillation:	ASTM D5	20	50
	Penetration at 25°C, 0.1 mm			
7	solubility in trichloroethylene %	ASTM D2042	99	-
8	water, volume %	ASTM D-95	-	0.2
9	drying time at 25°C in hours		1	2

NOTE : THE ABOVE SHOWN TECHNICAL DATA ARE RESULTS OBTAINED IN LABORATORY AND EXTRA DETAILS CAN BE PROVIDED UPON REQUEST. IN ACCORDANCE TO ASTM AND UEAtc STANDARDS RESULTS ARE SUBJECTED TO A VARIATION OF 20 % .



izomaks
IZOPROOF

izomaks IZOPROOF is a nontoxic 'solvent based' cold applied waterproofing coating general purpose for damp proofing. Which is specifically formulated by blended with the selective grade of oxidized bitumen and fast curing solvents, and life enhancing additives. When apply form elastic bituminous film with act like as waterproofing system that resists of attack from weather, salts and alkalis.

USES

izomaks IZOPROOF is used as a waterproofing most suitable for underground concrete foundations, basements, water tank, old bituminous surface etc. on a wide variety of surfaces like concrete, membranes, asbestos cement, brick, slates, tiles, metal surfaces etc.

STORAGE

izomaks IZOPROOF should be stored under ventilated covered store at temperature between 5°C and 30°C. The shelf life of 12 months can be expected for unopened containers stored properly.

APPLICATION

The surface to be waterproofed should be clean, dry, and free from dirt dust and rust and should be repaired any damaged or cracked substrates. Porous surfaces should be primed with IZOPROOF. IZOPROOF can be used as water retention concrete curing for subground structures

PACKAGING

Available in 200kg, 100kg and 20Ltr.

COVERAGE

at the rate of 0.4-0.6 Ltr/m² by roller, soft brush or broom to damp or dry surfaces.

CLEANING

TOOLS Clean with petroleum solvents.

HANDS Use a hand cleaner or solvent followed by soap and water.

STANDARD

Exceed the performance requirements of ASTM D 1227 type II and ASTM C 309

HEALTH & SAFTY

Contains petroleum grades of solvent; flammable; keep away from open fire, spark or other ignition sources. wear protective cloths, safety shoe, gloves, and goggles.

HEALTH & SAFTY

FIRE Flammable when wet flash point 40°c.

SKIN Avoid repeated or prolonged skin contact; if contact occurs remove with hand cleaner that removes oil and grease; when clean with soap and water.

EYES No special precautions required. But if eyes contact cause irritation. flush with clean water.

izomaks
IZOPROOF



PROOF-2

COLD APPLIED FAST DRYING PRIMER FOR GENERAL PURPOSES ASTM **izomaks** PROOF-2

		TEST METHOD	MIN	MAX
1	Saybolt Furol viscosity at 60 °C	AASHTO T 72& ASTM D88	100	200
2	Flash point (tag open cup) °C	AASHTO T 79& ASTM D3143	-	-
3	Density Kg/Ltr at 25°C	ASTM D-3142	0.90	0.95
4	Distillation:	AASHTO T 78		
	Distillate, vol.% of total distillate to 360 °C:	&		
	Up to 190°C	ASTM D402	40	
	Up to 225°C		65	-
	Up to 316°C		87	-
	Residue from distillation at 360 °C,(By volume)		75	-
5	Tests on residue from distillation: Penetration at 25°C, 0.1 mm	AASHTO T 49& ASTM D5	80	120
6	Ductility at 25°C,CM	AASHTO T 51& ASTM D113	100	-
7	solubility in trichloroethylene %	AASHTO T 44& ASTM D2042	99.5	
8	water, volume %	ASTM D-95	-	0.2
9	drying time at 25°C in hours		3	5

NOTE : THE ABOVE SHOWN TECHNICAL DATA ARE RESULTS OBTAINED IN LABORATORY AND EXTRA DETAILS CAN BE PROVIDED UPON REQUEST. IN ACCORDANCE TO ASTM AND UEA/c STANDARDS RESULTS ARE SUBJECTED TO A VARIATION OF 20 % .



izomaks
PROOF-2

izomaks PROOF-2 is a Cold applied product, easy to apply, it doesn't need thinning or heating, complies with the requirements and specifications of ASTM D-2027 standard, Which is blended with Penetration grade of bitumen and fast curing solvents, wetting and saturation additives.

USES

izomaks PROOF-2 Rapid Curing Cut-Back Asphalt Complies With MOC Specification for Road and Bridge Construction, Treatment of road surfaces and pavement as a prime coat.
Construction works, protective, and dam proofing coating, foundation, concrete, metal-timer etc. Soil stabilization.

STORAGE

izomaks PROOF-2 should be stored under ventilated covered store at temperature between 5°C and 30°C. The shelf life of 12 months can be expected for unopened containers stored properly.

APPLICATION

suitable for use in the construction & maintenance of pavement as designated in MOC Specification. It is ideal for prime coat. **izomaks** PROOF-2 is applied to asphalt or granular surfaces using truck mounted spray equipment.

PACKAGING

Available in 200kg, 100kg

COVERAGE

For tack coats, the maximum rate is (0.5-0.8) liters/m², depends on the porosity of the prepared soil surface.

CLEANING

TOOLS Clean with petroleum solvents.
HANDS Use a hand cleaner or solvent followed by soap and water.

STANDARD

Exceed the performance requirements of ASTM D-2027.

HEALTH & SAFTY

Contains petroleum grades of solvent; flammable; keep away from open fire, spark or other ignition sources. wear protective cloths, safety shoe, gloves, and goggles.

HEALTH & SAFTY

FIRE Flammable when wet flash point 40°c.
SKIN Avoid repeated or prolonged skin contact; if contact occurs remove with hand cleaner that removes oil and grease; when clean with soap and water.

EYES No special precautions required. But if eyes contact cause irritation. flush with clean water.

izomaks
PROOF-2



PROOF-1

COLD APPLIED FAST DRYING PRIMER FOR GENERAL PURPOSES ASTM **izomaks** PROOF-1

		TEST METHOD	MIN	MAX
1	Saybolt Furol viscosity at 50°C	AASHTO T 72& ASTM D88	75	150
2	Flash point (tag open cup)°C	AASHTO T 79& ASTM D3143	40	-
3	Density Kg/Ltr at 25°C	ASTM D-3142	0.90	0.95
4	Distillation:	AASHTO T 78		
	Distillate, vol. % of total distillate to 360°C:	&		
	Up to 190°C	ASTM D402	-	20
	Up to 225°C		25	65
	Up to 316°C		70	90
	Residue from distillation at 360°C, %(By volume)		70	-
5	Tests on residue from distillation: Penetration at 25°C, 0.1 mm	AASHTO T 49& ASTM D5	120	300
6	Ductility at 25°C, CM	AASHTO T 51& ASTM D113	100	-
7	solubility in trichloroethylene %	AASHTO T 44& ASTM D2042	99.5	-
8	water, volume %	ASTM D-95	-	0.2
9	drying time at 25°C in hours		4	8

NOTE : THE ABOVE SHOWN TECHNICAL DATA ARE RESULTS OBTAINED IN LABORATORY AND EXTRA DETAILS CAN BE PROVIDED UPON REQUEST. IN ACCORDANCE TO ASTM AND UEA/c STANDARDS RESULTS ARE SUBJECTED TO A VARIATION OF 20 % .



izomaks
PROOF-1

izomaks PROOF-1 is a Cold applied product, easy to apply, it doesn't need thinning or heating., complies with the requirements and specifications of ASTM D-2027 standard, Which is blended with Penetration grade of bitumen and medium curing solvents, wetting and saturation additives

USES

izomaks PROOF-1 medium curing cut-back asphalt complies with moc Specification for Road and Bridge Construction, Treatment of road surfaces and pavement as a prime coat. Construction works, protective, and dam proofing coating, foundation, concrete, metal-timer etc. Soil stabilization

STORAGE

izomaks PROOF-1 should be stored under ventilated covered store at temperature between 5°C and 30°C. The shelf life of 24 months can be expected for unopened containers stored properly.

APPLICATION

suitable for use in the construction & maintenance of pavement as designated in MOC Specification. It is ideal for prime coat. **izomaks** PROOF-1 is applied to asphalt or granular surfaces using truck mounted spray equipment.

PACKAGING

Available in 200kg, 100kg

COVERAGE

For tack coats, the maximum rate is (0.5-0.8) liters/m², depends on the porosity of the prepared soil surface.

CLEANING

TOOLS Clean with petroleum solvents.

HANDS Use a hand cleaner or solvent followed by soap and water.

STANDARD

Exceed the performance requirements of ASTM D-2027.

HEALTH & SAFTY

Contains petroleum grades of solvent; flammable; keep away from open fire, spark or other ignition sources. were protective clothes, safety shoe, gloves, and goggles.

HEALTH & SAFTY

FIRE Flammable when wet flash point 40°C.

SKIN Avoid repeated or prolonged skin contact; if contact occurs remove with hand cleaner that removes oil and grease; when clean with soap and water.

EYES No special precautions required. But if eyes contact cause irritation. flush with clean water.

izomaks
PROOF-1



IZOCOAT 1000

Precautions:

- All the surface must be clean, dry, dust and rust.
- moisture can lead to a severe problem, later when the surface to receiving a coating of IZOCOAT-1000.
- Never apply in rain is imminent.
- Thick coat below 50 °C temperate may lead to reduce elasticity and possibility for creak forming.

health and safety:

- Toxicity- nontoxic and odorless
- Flammability- it's completely water-based non-flammable when wet, the cured membrane film will be burned but it not a fire hazard.
- Skin contact - IZOCOAT-1000 can't be damaged by using rubber gloves will protect sensible skins.
- IZOCOAT-1000 comes into contact with eyes and skin should be clean with water.

Package:

Available in 20 kg and 200kg another by request.

Availability:

White and Black another color by request.

COLD APPLIED FAST DRYING PRIMER FOR GENERAL PURPOSES ASTM IZOCOAT 1000

	Name of test	Result	Test method
1	SOLID CONTENTS. %	65+1	ASTM D 1076
2	VISCOSITY 25 MPa-S	20000-40000	ASTM D7867 - 13
3	Specific gravity	1.3+0.05	ASTM D1475 - 16
4	PH	7.5-8.5	ASTM D6903 - 07
5	Application temperature	(5°C to 60°C)	
6	Drying time 25°C	(2-3)Hours	Double coat
7	Self life	1.5 Year	sealed can
8	coverage	(1.5 to 2.0) M ² /Kg	
9	Tensile strength,	480 N/CM ²	ASTM D-412
10	Elongation , At break	400%	ASTM D-412
11	Water vapour transmission gm/m ² /hr	1.365	ASTM E-96
12	Cold Flexibility	-8	ASTM D 412
13	Heat stability	70 C ^o	ASTM D 412
14	Permeability	pass	ASTM E-938
15	Dry peel adhesion, lbs/sq.in.	72	ASTM C-297
16	UV Resistance	2500 no color fade	ASTM D-822

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izomaks
IZOCOAT 1000

General introduction:

IZOCOAT-1000 high- performance cold applied high elastomeric waterproofing, water base acrylic based on the selective grade of polymer, that curing into a tough, elastic film form high-quality waterproofing membrane. high flexible, protected from UV, Cold or rapid changes in temperature, which can be applied by a soft brush, roller, or spray.

Surface Preparation:

Surface preparation is a very vital issue and this influences the integrity of the waterproofing system. hence, care must be exercised when the preparation is done.

Concrete Surface:-

- All the surface must be smooth, dry and free from dust and rust.
- Remove all the loose material by using a wire brush.
- Remove all the excess amount of sand, clean oil and grease.
- Make sure all the surface must be cured by tap water to be removed excess loose materials

Old Concrete Surface :-

All crack, leakage must repair by the cement mortar or seal joint. Make sure all the surface must be curing by tap water or also remove excess loose materials.

From the old surface must be removed all the loose material, grease, oil, and other contaminated substance, etc. which should be removed by high water pressure blasting. Before treatment of brooming treating that cleaned surface with the suitable fungicide.

Old Roof Tiles Surface :-

- Replace all the damaged tiles and repair all the joints .
- Remove all the loose material in between the tiles and clean it by using a wire brush.
- Remove all the excess materials.
- Surface must be free for grease and oil or other contaminated substance.
- Clean all the surface by using tap water and let them dry for a minimum 2hr.
- Surface must be completely dry before application. Metal roofs:-
- Remove corrosion, moss, mildew, loose paint and rust areas by application of wire brush.
- Before treatment of brooming, treating the cleaned surface with a suitable fungicide.
- clean all the surface excess loose paint dust by high pressure water brooming.

Old Asphalt Surface :-

- For old bituminous surface clean with high-pressure water broom and rebonds with a suitable adhesive. Allow to curing
- Then prime clean surface with **IZOCOAT-1000** diluted with 10 to 20% water.

use:

IZOCOAT-1000 waterproofing system can be applied on the desired surface like brick, concrete tiles, concrete surface, plywood, slated and polyurethane surface, can be used with or without reinforcement.

IZOCOAT-1000 can apply on the Roof, exterior wall, Kitchen, Bathroom, Ground sewage, water tank, etc.

Application:

surfaces must be thoroughly clean, dry and free from moisture, dust and rust, grease, oil. it can be applied by either soft brush, roller or spray. A minimum of two coats is recommended for the satisfactory and period of recoating interval after 1st coat was complete dried

Mixing:

For the first coat, **IZOCOAT-1000** may dilute (10 to 20)% water, Greater dilution may lead to weaker bonding with the substrate, for the second coat no need be dilute water just use it pure acrylic. apply two coat with the gap of 1 to 2hr each at the approximate rate of 0.7kg/m², make sure before the second coat applied, the first coat must be completely dry.

The second coat must be applied perpendicular to the first coat to achieve complete waterproofing.

Application method:

IZOCOAT-1000 may be applied by a soft brush, roller, or spray gun. At the end of the second coat, it gives you (0.8 -1)mm thickness, if you want more thick go for the further coat.

Each coat must be applied perpendicular to the first coat

Storage:

Closed container storage under moderated temperature above 50C Below 300C protect sunlight and frost. Don't store directly from sunlight it may lead to damage your material.

izomaks
IZOCOAT 1000



IZOFLEX 7000

Application :

IZOFLEX -7000 is suitable for smooth concrete, screed, mastic asphalt, plaster, gypsum board and masonry surface etc. It can be applied by soft brush, roller, and spray or by trowel when smooth finish is required.

- Minimum two coats are recommended, for satisfactory and the period of re-coating interval after 1st coat are complete dried.
- The second coat must be applied perpendicular to the first coat, to be achieving complete waterproofing.
- For large area **IZOFLEX -7000** can be also sprayed, being the recommended nozzle size of 3-4 mm and spraying pressure between 3.5 and 5.0 bars. When sprayed, it is recommended to finish the fresh layer with a broom in order to make sure that the whole surface is covered completely.
- Minimum two coats are recommended, for satisfactory and the period of re-coating interval after 1st coat are complete dried.
- The second coat must be applied perpendicular to the first coat, to be achieving complete waterproofing.
- For concrete joints and cracks have been repaired and sealed, **IZOFLEX -7000** will be applied with a fiber mesh 40-60 g/m² , place the mesh on the first layer of **IZOFLEX -7000**

Application conditions :

Optimum application temperature range is from 5°C to 30°C. Do not apply below 50°C. Do not apply on frozen surfaces or if rain is expected.

Cleaning :

All the tools must be cleaned with water after use. Once it cures, material can only be removed by mechanical methods.

Important indications :

- Do not add water, sand, cement, additives or any other compounds it may leads to damage your product quality.
- Do not apply on dusty, frozen on frosted surfaces.
- Do not apply any humid area or bad weather like possibility of raining.
- Do not apply other surface which is not specified in this technical data sheet, or consult our technical department.

Self life :

Powder component: approx. 12 months . Liquid component: approx. 12 months

Health and safety :

Toxicity : - nontoxic and odorless **Flammability :** - it's completely water-based non-flammable when wet. The cured membrane film will not be burned and also it's not a fire hazard.

Skin contact : - Avoid contact with skin and eyes. In case of contact with eyes and skin wash immediately with tap water and soap.

Eye contact : - In case of eye contact, rinse thoroughly with clean water but do not rub. If irritation continues consult with a doctor.

COLD APPLIED FAST DRYING PRIMER FOR GENERAL PURPOSES ASTM IZOFLEX 7000

	Name of test	Result	Test method
1	Component "A"	Powder form	---
2	Component "B"	Milky white liquid	---
3	Color	Gray/white	---
4	Density of Component "A"	1.45	---
	Density of Component "B"	1.05	---
	Mixed density of Component "A+B"	1.65	---
5	Application temperature	(+5°C to 60°C)	---
6	Water permeability @5 bars.	Nil	BS EN 12390
7	Water vapor transmission	0.02 g/m ² at 28 d	ASTM E 96
8	Adhesion to concrete	2.0N/mm ² at 28 d	ASTM D 4541
	Adhesion to steel panel	1.75 N/mm ²	---
9	Tensile strength	4.2 N/mm ²	ASTM D-412
10	Elongation , at break	>130%	ASTM D-412
11	Resistance to co2 diffusion	dcO2=0.43*10 ⁻¹ m/s	---
		R=346 m(R=50m)	---
12	Resistance to water vapor diffusion	dH2O=0.131*10 ⁻¹ m/s	---
		S=1.9m	---
13	Resistance to sulfates	pass	ASTM C 1012
14	Resistance to fire	Class A1	BS EN-998-1
15	Flame spread index (FSI)	15	ASTM E 84
16	Smoke developed index (SDI)	20	ASTM E 84

NOTE : THE ABOVE SHOWN TECHNICAL DATA ARE RESULTS OBTAINED IN LABORATORY AND EXTRA DETAILS CAN BE PROVIDED UPON REQUEST. IN ACCORDANCE TO ASTM AND UEAtc STANDARDS RESULTS ARE SUBJECTED TO A VARIATION OF 20 % .



izomaks
IZOFLEX 7000

Introduction :

IZOFLEX 7000 is two compound elastic, high flexible polymers modified cementitious waterproof coating that requires only mixing to form of the ideal waterproofing surface. Component A is a mortar based on mixture of cement, sand, additives. Once applied and cured IZOFLEX 7000 provide non toxic, highly flexible and waterproof coating with very high adhesion on those common substrates use in construction such as concrete, natural and artificial stone, bricks, concrete blocks, etc. it protects from UV, Cold or rapid changes in temperature, which can be applied with a soft brush, roller, trowel or spray .

ADVANTAGES :

- Easily to apply by brush, roller, or by spray or trowel applied product. It is resist from UV radiation.
- Provides a fully-flexible coating which ensures complete waterproofing even in the most severe conditions, as high negative hydrostatic pressure.
- A fully cured membrane of 1 to 2mm thickness is vapor permeable and allows the substrates to breath.
- Excellent protection for concrete, being a CO₂ and chloride (Cl-) barrier and thereby preventing carbonation and electrochemical corrosion.
- Resists the negative hydrostatic pressure from ground water when it is used in underground interior applications.
- Environmentally friendly, long lasting than other coating, avoiding maintenance cost.
- Non toxic and chloride free. Suitable for contact with potable water.
- Bonding well to damp substrates without priming.
- Excellent bonding strength of porous and non-porous surface.

Surface Preparation :

Surface preparation is a very vital issue and this influences the integrity of the waterproofing system. Hence, care must be exercised when the preparation is done.

Concrete Surface :-

- The entire surface must be clean, sound and fine pored. It must be free from grease, Dust, cracks and ridges.
- Remove all the loose material by using a wire brush or treatment of broom.
- Remove all sand, Dust, and free from oil and grease.
- Surface should be free from grease, oil, and other contaminated substance, etc. which should be removed by high water pressure blasting.
- Make sure all the surface must be cured by tap water before application of IZOFLEX7000 for batter bonding to the substrate.

Old Concrete Surface :-

- From the old surface, all the loose material must be removed and cleaned.
- Grease, oil, and other contaminated substance, etc. which should be removed by high water pressure blasting.
- Before treatment of broom treating that cleaned surface with the suitable fungicide.
- All crack, leakage must repair by the cement sand mortar, cold mastic or sealant joint.
- Make sure all the surface must be cured by tap water before application of IZOFLEX7000 for batter bonding to the substrate.

Use :

- IZOFLEX 7000 can apply for waterproofing water structures, exterior basement wall, balconies, Kitchen, Bathrooms, under tile floors, Ground sewage, sewage treatment , plants, swimming pools, foundations, water tank, exposed and decoupled roofs, sealing of expansion and backing to marble and granite to prevent water ingress and surface staining, to protect from carbonation and chloride attack, etc.
- Waterproofing of below-grade structures surface such as brick, concrete tiles, concrete surfaces, lining for retaining structures / swimming pools, sea water structures.
 - Waterproofing and protection of concrete against carbonation chloride attack.

Mixing :

- IZOFLEX 7000 having two compounds part "A" waterproof powder and part "B" liquid acrylic co-polymers both products part "A" and part "B" are allow to be mixed at the job site.
- Pour the entire liquid polymer component into a clean container and add powder component gradually while mixing with a low speed mixing with the speed of (400-600 rpm) stirrer until a lump free mass is achieved.
 - Minimum (2-3) minutes are requiring for stirrer until a uniform consistency is achieved.
 - Do not add water and keep liquid/powder ratio as the package supplied.
 - Depending on existing temperature and relative humidity, pot life expected will be between 30 minutes and one hour.

Consumption:

per layer, achieving 2 IZOFLEX 7000 is applied in two layers of approximately of 1.0-1.5 kg/m² consumption depends on porosity and texture of the a total consumption of 2.0-3.0 kg/m² surface, a preliminary test on site is recommended to determine consumption exactly.

izomaks
IZOFLEX 7000



IZOFIX 102-FC

	NAME OF TEST	RESULT	TEST METHOUD
1	Appearances	Ready mix powder	--
2	color	Gray	
3	Chemical Base	Special cement, polymer, aggregates and additives	
4	Port life	30-50 min	ASTM C 308
5	Density [g/cc]	1.8±0.1	ASTM D1475
6	Grain size	0.1mm	
7	Compressive strength	>15 N/mm2	ASTM C 579
8	Pull off strength	>1 N/mm2	ASTM D 4541
9	Tensile strength	>1.5 N/mm2	BS EN 6319 Part 7
10	Flexural strength	>5 N/mm2	ASTM C 580
11	Water permeability@5bar	<10 mm	BS EN 12390
12	Application temperature	+5 to 45 °C	

NOTE : The above shown technical data are results obtained in laboratory and can be provide by the request standards results are subjected to a variation of 20%.

Health and safety:

Toxicity: Nontoxic and odorless.

Flammability: Nonflammable

Inhalation: During use avoid inhalation of dust if occur remove to fresh air, apply artificial respiration and/or oxygen if necessary and get medical attention.

Skin contact - Avoid contact with skin and eyes. In case of contact with eyes and skin wash immediately with tap water and soap.

Eye contact - In case of eye contact, rinse thoroughly with clean water but do not rub. If swallowed, seek medical attention immediately- Do not vomiting.

Safety – wear suitable protective clothing, gloves, safety shoe, eye protection and respiratory protective equipment.



izomaks
IZOFIX 102 FC

izomaks IZOFIX 102 is a one component dry pre-mixed; polymer modified cementitious minor/ pinholes fairing coat concrete repair. Due to its unique composition provide non shrinkage, flexible and smooth finish also can be used as a skin coat.

Use:

izomaks IZOFIX 102 is design for application of minor imperfections in concrete and masonry surfaces in the range of feather edge up to 3mm can be used for the filling of pinholes prior to over coating, minor crack filling, as a thin layer render, fair face concrete repair etc. in the field of exterior, interior wall and ceilings.

APPLICATION

izomaks IZOFIX 102 Apply the mixed with the steel trowel to the substrate up to 3mm thick and allow to partly setting before finally troweling to a smooth finish and excess paste should be removed and finishing should be done by s steel trowel, Aluminum tube, and plastic float Render finisher.

Note: water can be drowning to the surface if overworking with the float occurs resulting in an unsightly finish. Sponges or plastic floats may be used to achieve desired texture.

IZOMAKS IZOFIX 102 prepared past must be used within an hour from mixing depending on weather and site conditions.

ADVANTAGES

- Ø Ready mix, easy to use.
- Ø Good mechanical properties.
- Ø Excellent adhesion to concrete.
- Ø Resist cracking and shrinkage.
- Ø Provide smooth coat.
- Ø Excellent durability and comparability.
- Ø Non corrosive towards metals.

CLEANING

All the tools must be clean immediately with the tap water before and after work has been done .

APPLICATION METHOOD**Surface preparation:**

The surface must be thoroughly clean, sound and free from dust, cracks, ridges, oil and grease, loose particles and other contamination.

The surface must be prepared mechanically brushing, or high pressure blasting which will gives clean exposed surface.

The surface should be clean with the tap water however ensuring that the surface should saturated and free from water before applications.

Exposed reinforcement should be free from chloride or other material which may cause corrosion. This is clean by water blasting method before applying any corrosion inhibitor.

Product preparation:

Pour 6 to 7 liter per 20kg of bags **izomaks IZOFIX 102** into a clean container and add powder component gradually while mixing with a low speed mixing stirrer until a lump free paste is achieved.

CURING TREATMENT

Cure the exposed surface by spraying tap water for the 2-3 days using appropriate curing method e.g. curing component, moist Geo textile, and polythene sheet etc.

STORAGE & SHELF LIFE

izomaks IZOFIX 102 has 12 months in original closed packaging from date of production. In dry, cool and ventilated area. Keep away from all the resources of heat, exposed in sun or humid area.

STANDARD / COMPLIANCE

izomaks IZOFIX 102 repair mortar system complies with the following international standards

- ASTM C 4541 : Pull off strength
- BS EN 12390 : Water permeability
- BS EN 6319 : Tensile strength

izomaks
IZOFIX 102-FC

IZOSEALANT 5000

SR	PROPERTIES	RESULT	TEST METHOD
1	Appearances	High viscous paste form	--
2	Color	White/Gray (Other by req.)	
3	Chemical Base	Acrylic dispersion	
4	Density [g/cc]	1.5±0.05	ASTM D1475 - 16
5	PH	7.5-8.5	ASTM D6903 - 07
6	Solid content [%]	85	
7	Application temperatu [°C]	(+5°C to 40°C)	
8	Service temperature [°C]	(-20°C to 90°C)	
9	Open time @23°C & 50% RH	5-10 min.	
10	Skin formation @23°C & 50% RH	10 min	
11	Curing time @23°C & 50% RH	24 hrs (Thin bed approx 2mm)	
		4-7 days (Thick bed)	
12	Flow @23 + 2 C [mm]	<2	ISO 7390
13	Shore A hardness	15-20	DIN 53505
14	Tensile strength [N/mm2]	0.2-0.3	DIN 53504
15	Elongation, at break [%]	>200%	DIN 53504
16	Modulus at 100% [N/mm2]	>0.2	DIN 53504
17	Joint movement [%]	< 10%	
18	Elastic recovery [%]	60	ISO 7389
19	Self life @25°C & 50% RH	18 Months (sealed packed)	

NOTE : THE ABOVE SHOWN TECHNICAL DATA ARE RESULTS OBTAINED IN LABORATORY AND EXTRA DETAILS CAN BE PROVIDED UPON REQUEST. IN ACCORDANCE TO ASTM AND UEAtc STANDARDS RESULTS ARE SUBJECTUED TO A VARIATION OF 20 % .



izomaks
IZOSEALANT 5000

Description:

IZOSEALANT 5000 is a one component water base universal joint sealant based on acrylic dispersion. Due to its unique composition resists cracking and it provide flexible and smooth finish that is suitable for interior and exterior use.

Use:

IZOSEALANT 5000 is a ideal for frame works e.g. window and door frame and wall, crack filling, expansion joint, ceiling works, PVC pipe sealer, joint between concrete and brickwork, can be use all the porous surfaces such as concrete, brick, and wood etc.

APPLICATION METHOD

The entire surface must be clean, sound and free from dust and rust. Remove all laitance, oil and grease, and all the loose particles. The surface must be prepared by mechanically scrubbing, brushing, or blasting which gives clean exposed surface.

Joint dimensions, Width = Depth, Width for joints (5-20mm) maximum

For highly porous surfaces should be primed with diluted **IZOSEALANT 5000** (1 part IZOSEALANT +2 part water).

Poured **IZOSEALANT 5000** to the prepared substrate manually or with the pneumatic caulking gun and excess sealer should be removed and finishing should be done by spatula or filling knife.

ADVANTAGES

- Ø Easily to use.
- Ø Excellent bonding strength.
- Ø Excellent adhesion without priming.
- Ø Resist cracking and shrinkage.
- Ø Over paintable.
- Ø Long lasting.
- Ø Non toxic.
- Ø Very low VOC content.
- Ø Non corrosive towards metals.

HEALTH AND SAFETY

Toxicity : Nontoxic and odorless.

Flammability : Nonflammable

Inhalation : During use avoid inhalation of dust if occur remove to fresh air, apply artificial respiration and/or oxygen if necessary and get medical attention Skin contact -Avoid contact with skin and eyes. In case of contact with eyes and skin wash immediately with tap water and soap.

Eye contact- In case of eye contact, rinse thoroughly with clean water but do not rub.

If swallowed, seek medical attention immediately- Do not vomiting.

Safety – wear suitable protective clothing, gloves, safety shoe, eye protection and respiratory protective equipment.

CLEANING

All the tools must be clean immediately with the tap water before and after work has been done.

STROAGE AND SHELF LIFE

IZOSEALANT 5000 has 24 months in original closed packaging from date of production. In dry, cool and ventilated area. Keep away from all the resources of heat, exposed in sun or humid area.

izomaks
IZOSEALANT 5000



izomaks أيزوماكس

www.izomaks.com.sa

شركة أيزوماكس للصناعات المحدودة
IZOMAKS INDUSTRIES L.L.C.

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