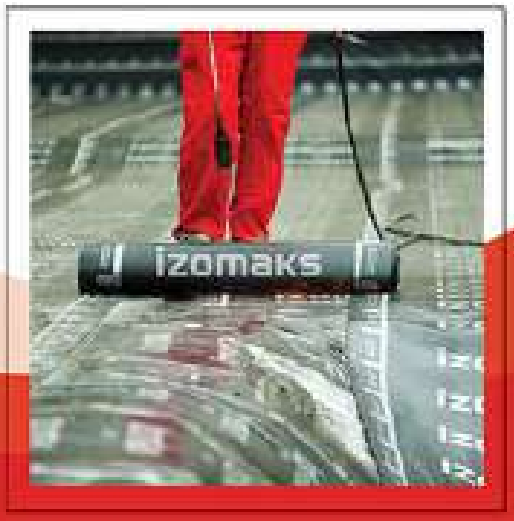
IZOMAKS GREENLAND

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

صناعة سعودية
MADE IN KSA

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 % .

izomaks

GULF SHIELD - 1600 - درع الخليج

P3000 P4000 P5000 P6000

صناعة سعودية
MADE IN KSA

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/m²/Hr	1.365	ASTM E-96
12	Cold Flexibility	-8	ASTM D 412
13	Heat stability	70 C°	ASTM D 412
14	Permeability	pass	ASTM E-096
15	Dry peel adhesion, lbs/sq.in.	72	ASTM C-297
16	UV Resistance	2500 no color fade	ASTM D-522

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

izomaks
IZOCOAT 1000

صناعة سعودية
MADE IN KSA

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 ^{0}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

صنع في السعودية

MADE IN KSA

IZOFLEX 7000

Application :

IZOFLEX -7000 is suitable for smooth concrete, screed, mastic asphalt, plaster, gypsum board and masonry surface etc.
It can be apply 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 or 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 :- non toxic 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"	1.00	---
	Mixed density of Component "A+B"	1.05	---
5	Application temperature	(+5°C to 60°C)	---
6	Water permeability @5 bars	Nil	BS EN 12390
7	Water vapor transmission	0.02 g/m² at 28 d	ASTM E 96
8	Adhesion to concrete	2.0N/mm² at 28 d	ASTM D-4541
	Adhesion to steel panel	1.75 N/mm²	---
9	Tensile strength	4.2 N/mm²	ASTM D-412
10	Elongation , at break	>130%	ASTM D-412
11	Resistance to co2 diffusion	sd(CO2)=0.18*10⁻³ m/s	---
		R=546 m(R>50m)	---
12	Resistance to water vapor diffusion	sd(H2O)=0.131*10⁻³ m/s	---
		S=1.3m	---
13	Resistance to sulfates	pass	ASTM C 1012
14	Resistance to fire	Class A1	BS EN 858-1
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 REGUEST, IN ACCORDANCE TO ASTM AND UEAtc STANDARDS RESULTS ARE SUBJECTED TO A VARIATION OF 20 % .

izomaks
IZOFLEX 7000

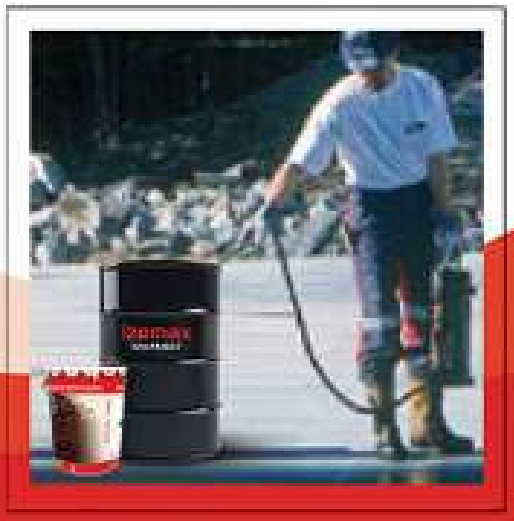
صناعة سعودية
MADE IN KSA

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 % .



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IZOPROOF

صناعة سعودية
MADE IN KSA

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

صنع في السعودية
MADE IN KSA

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

صناعة سعودية
MADE IN KSA

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

صناعة سعودية
MADE IN KSA

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 UEAlc STANDARDS RESULTS ARE SUBJECTED TO A VARIATION OF 20 % .

izomaks

IZOSEALANT 5000

صنع في السعودية
MADE IN KSA

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

صناعة سعودية
MADE IN KSA

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

صناعة سعودية
MADE IN KSA

IZOSELF POLYESTER (PET/PE)

SR	PROPERTIES	UNIT	VALUE	TEST METHOD
1	Softening point	°C	99-100	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 ,	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 % .

صناعة سعودية
MADE IN KSA

izomaks
IZOSELF POLYESTER
(PET/PE)

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 % .

صناعة سعودية
MADE IN KSA

izomaks polione 1600

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 % .

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FG 60

صنع في السعودية
MADE IN KSA

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,	gm2/24hrs	< 0.5	ASTM E 96
12	Resistance to leakage at joints		pass	UEAtc

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صناعة سعودية
MADE IN KSA

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POLYMASTER - FG

FG 3000 FG 4000

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,	gm2/24hrs	< 0.5	ASTM E 96
12	Resistance to leakage at joints		pass	UEAtc

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POLYMASTER - POLYESTER

P3000 P4000

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

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POLYMAX - 1600

صناعة سعودية
MADE IN KSA

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

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POLYSTAR - 1600

P3000 P4000 P5000 P6000

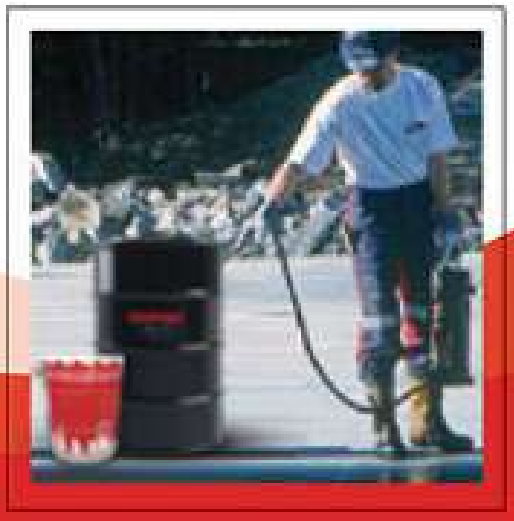
صناعة سعودية
MADE IN KSA

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 %.



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PRIMER D-41

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