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 50C 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 @250C, 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	(+50C to 600C)	
6	Drying time @250C	(2-3)Hours	Double coat
7	Self life	1.5 Year	sealed can
8	coverage	(1.5 to 2.0) M2/Kg	
9	Tensile strength,	480 N/CM2	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	700c	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

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

MADE IN KSA

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.

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