

## 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 PREMIUM COAT-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 - PREMIUM COAT 1000 can't be damaged by using rubber gloves will protect sensible skins.
- PREMIUM COAT-1000 comes into contact with eyes and skin should be clean with water.

## Package:

Available in 20 kg and 200kg another by request.

## Cleaning :

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

### COLD APPLIED FAST DRYING PRIMER FOR GENERAL PURPOSES ASTM SI PREMIUM COAT 1000

|    | Name of test                       | Result                | Test method      |
|----|------------------------------------|-----------------------|------------------|
| 1  | SOLLID CONTENTS %                  | 65 + 1                | ASTM D 1076      |
| 2  | VISCOSITY 25 MPa-S                 | 20.000 : 40.000       | ASTM D 7867 - 13 |
| 3  | Specific gravity                   | 1.3+0.05              | ASTM D 1475 - 16 |
| 4  | PH                                 | 7.5-8.5               | ASTM D 6903 - 07 |
| 5  | Application temperature            | ( 5 C : 60 C )        |                  |
| 6  | Drying time 25 C                   | ( 2-3 ) Hours         | Double Coat      |
| 7  | Self Life                          | 1.5 Years             | Sealed Can       |
| 8  | Coverage                           | ( 1.5 : 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                     | 70 C                  | 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 % .

## SI PREMIUM COAT 1000

صناعة  
سعودية  
MADE IN KSA



### General Description :

SI PREMIUM COAT 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 from 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 whether the preparation is done.

**Concrete Surface:-**  
 - 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, enamel, oil, and grease.  
 - Make sure the surface must be cured by tap water or removed excess loose materials.

**Old Concrete Surface :-**  
 - All cracks, leakage must be repaired by the cement mortar or sealant.  
 - Make sure the surface must be cured 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 substances, etc. which should be removed by high water pressure blasting. Before treatment of brooming, treat the cleaned surface with a 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 them by using a wire brush.  
 - Remove all the excess materials.  
 - Surface must be free from grease and oil or other contaminated substances.  
 - 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, treat 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 cure.  
 - Then prime clean surface with Premium coat 1000 diluted with 10 to 20% water.

### Use :

SI PREMIUM COAT 1000 waterproofing system can be applied on the desired surface like brick, concrete tiles, concrete surface, plywood, slate, and polyurethane surface, can be used with or without reinforcement.

SI PREMIUM COAT 1000 can be applied 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 completed.

### Mixing :

For the first coat, SI PREMIUM COAT 1000 may be diluted (10 to 20)% water, Greater dilution may lead to weaker bonding with the substrate, for the second coat no need to dilute water just use it pure acrylic apply two coats with the gap of 1 to 2hr each at the approximate rate of 0.7kg/m<sup>2</sup>, 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 :

SI PREMIUM COAT 1000 may be applied by a soft brush, roller, or spray gun. At the end of the second coat, it gives you (0.81-)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 5°C Below 30°C protect sunlight and frost. Don't store directly from sunlight it may lead to damage your material.

## SI PREMIUM COAT 1000

