



# Hydraproof Ceramic

## Ceramic Coating for Heat-Proof and Water-Proof Coating

### Description

Hydraproof Ceramic is a combination of high-performance, water-borne acrylic resins, which cures out completely in one week to an extremely tough, durable, non-yellowing, water-resistant, heat-resistance coating that also provides flexibly and ultra-violet stability.

### Object

- Hydraproof Ceramic is a water-proof coating.
- Hydraproof Ceramic is work as heat insulation by reflex light and heat.
- Hydraproof Ceramic provide optimum technical and design versatility due to which difficult curvatures such as arches, etc. can be protected and waterproofed.
- Hydraproof Ceramic is suitable for horizontal as well as vertical surfaces.

### Advantage

- Highly economical due to supply in a ready-to use form with no wastage of the material.
- Excellent bonding to most building materials
- Low labor costs due to easy, simple and quick application.
- No heating, dilution or and other application preparations.
- Safe bridging of surfaces subject to hairline cracking.
- Waterproofing of new surfaces as well as repair to old surfaces, whether previously treated or not.

### Instruction for Use

- Apply an overall coat of Hydraproof Ceramic to the prepared surface, at spread rate of 5 m<sup>2</sup> /kg. This can be applied by brush or spray, and allowed to dry, preferable over night.
- Where polyester fiber reinforcement is to be used, either overall or where necessary to bridge cracks or joints, after applying the first coat of Hydraproof Ceramic and allow to go tacky, place polyester fiber and allow to dry. Follow by a second coat of Hydraproof Ceramic at 5 m<sup>2</sup> /kg.
- First coat may be diluted slightly with water to ease the first application.
- Hydraproof Ceramic is very effective with polyester lass to repair leaky gutters, down spouts, etc. to bridge cracks, corrosion etc.

### Characteristic

● Color :	White
● Density :	1.20-1.25 kg./L.
● Viscosity :	25000 cps @25 °C
● No of Cote :	Min. 2 Coat
● Consumption :	0.2 kg./ m <sup>2</sup> /Coat
● Time between coats :	1-2 Hrs. @ 35 °C 3-4 Hrs. @ 25 °C
● Full Cure :	7 Days
● Bonding Strength @ 7days :	More than concrete
● Thermal conductivity :	0.025 W/mK
● Solar Reflection:	More than 90 %
● Root proofing :	Excellent

### **Packaging**

20 Kg./ Pail

### **Storage**

Store in shade under house conditions and keep away from sources of heat.

Not below 5 °C, protected from high temperature

### **Cleaning**

The working equipment, tools etc., can be mechanically cleaned by using brushes in combination with Water. The cleaning should be done immediately after the completion of the work and within the pot life of the material to avoid sediments on the equipments ,tools etc

### **Precaution**

Storage must be carefully controlled as all late systems may coagulate in high temperatures.

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