



DESMOLAST PRIMER AQUA 2K

TWO COMPONENT WATER BASED
EPOXY COATING-PRIMER

GENERAL DESCRIPTION

ESHADESMOLAST PRIMER AQUA 2K is a two component water based epoxy coating. Its main use is as primer for adhesion improvement of polymer waterproofing coatings such as **ESHADESMOLAST, ESHAHYBRID & ESHACRYCOAT**. It's a friendly to use, safe to environment, zero VOC (Volatile Organic Compound) with many applications in the construction sector.

USES

ESHADESMOLAST PRIMER AQUA 2K is recommended for:

- As a primer for polyurethane, acrylic, hybrid, epoxy based & bitumen applications with direct application on moist substrates.
- Sealing coat for concrete
- Adhesive layer between old & new concrete
- Vapor & rising damp barrier



INSTRUCTIONS FOR USE

SURFACE PREPARATION

- Application temperature should be above 5 °C.
- Surfaces should be preferably dry, dust free clean from oils and foreign matter.
- It is recommend to wet a bit the surface before application at very elevated temperatures during the summer season.
- New concrete structures need to dry for at least 28 days and surface irregularities need to be smoothed with a grinding machine

APPLICATION

- Mix well the 2 components A+B at a ratio 3:1 per weight, by using electrical stirrer at low speed (300 rpm) for 3 -5 min.
- Mixture can be diluted with clean water (10 to 25%) to regulate viscosity.
- Application in one or two layers (depending to surface porosity) by using brush or spray gun. Each layer is applied with a criss cross pattern. Interval time between layers depends with the environmental conditions and varies from 6h to 24 h. By any means it cannot exceed 24 h.
- As a primer for waterproofing use thin coating with one or two layers with total consumption of 150-200 gr/m².
- As a vapor barrier apply with roller in 3 coats with total consumption of 600 gr/m²



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CURING TIME

12 - 16 h depending from environmental temperature & humidity.

TOOLS CLEANING

Tools cleaning is made with organic solvent (e.g. xylene) when still wet, or by mechanical means when material is dry.

TECHNICAL CHARACTERISTICS

PROPERTIES	NOMINAL VALUE	TEST METHOD	UNIT
Two components ratio A+B	3 : 1 bw		
Adhesion on fresh concrete	> 1.5	ASTM D 903	N/mm ²
Color	Colorless	Observation	
Density	1.00 ± 0.05	ASTM D 1475	g/cm ³
Service temperature	5 to 40		°C
Tack free time at 25°C	6		h
Full curing is achieved after	7		days
Flash point	28	ASTM D 93 (Closed cup)	°C

T = Tolerances in the nominal values are in accordance with respective standards. Producer reserves the right to modify the properties of his products.

PRECAUTIONS

- Skin & eyes irritant. Avoid contact with eyes & skin. In case of contact wash thoroughly with plenty of water & soap.
- Use proper safety equipment (gloves, eye protection) during application and ensure adequate ventilation.
- Seek immediate medical advice in case of drinking the material
- Do not dispose to the environment -Water pollutant, toxic for aquatic life.
- Contains epoxy chemical substances.
- For professional use only.

SELF-LIFE / STORAGE

ESHADESMOLAST PRIMER AQUA 2K has shelf life of 12 months from production date, in its original un opened packaging provided proper storage at dry protected environment. In case opened needs to be fully utilized.

PACKING

Set A+B of 20 kg (15+5) kg
Set A+B of 4 kg (3+1) kg

For analytical information please refer to the material's
MSDS

The information contained in this leaflet is, to the best of our knowledge, true and reliable and is supported by the present state of our knowledge. According to the care taken and the method of application, upon which we have no influence, the values are subject to divergence. Therefore for best results, prior to use, an application test should be made by the user under his own processing conditions.

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