



Top Guard 200

Product Description

A fiber, elastomer waterproofing, based on an Acrylic resin. After its application, it forms an enhanced layer thickness membrane which is moisture and stagnant water resistant. The dry film has excellent resistance to deformation and to temperature fluctuations absorbing thus the structural movements of the substrate. Its innovative composition prevents dust and dirt to adhere on the applied surface maintaining thus its whiteness over time.

Product uses:

As water proofing material over concrete, masonry, woodwork, tiles, steel, also it is well suited to protect expanded polyurethane foam from deterioration by U. V. rays.

Properties

- Easy application (one component)
- Fast drying.
- Enhanced layer thickness of dry film -> 0,7mm
- Excellent adhesion.
- Bridges hairline cracks.
- Retains its mechanical properties even in extreme temperature fluctuations (-5°C to +70° C)
- Water vapor permeable, allows the transpiration of the substrate.
- Ideal for walkable roofs
- User-friendly.
- Environment friendly

TECHNICAL PROPERTIES

<i>Appearance/Color</i>	White
<i>Density:</i>	1.42 kg/liter
<i>Volume solids %:</i>	60 %
<i>Theoretical spreading rate:</i>	3 m ² /ltr (200 micron DFT) – 2.11 m ² /kg
<i>Consumption:</i>	473 g / m ²
<i>Recommended DFT: (Dry Film thickness)</i>	500-600 micron for Horizon surfaces.
<i>Surface dry:</i>	10 - 15 approx. min (s) 23°C/73.4°F 50% R.H.
<i>Light foot traffic</i>	5 -6 hours (23°C and 50% R.H.)
<i>Full dry:</i>	24 hours (23°C and 50 % R.H.)
<i>Application temperature:</i>	+10 °C/50° F and +35 °C/ 95°F

Application Details

<i>Application method:</i>	Brush / Roll / Airless Spray
<i>Thinner:</i>	Fresh water
<i>Thinner Amount:</i>	Brush (Do not Thin) – Roller (10 %) - airless Spray (5%)



Surface Preparation:

- Surface must be dry, clean and free of all contamination such as dirt, oil, grease, and coatings etc. which hinder adhesion.
- Surface must be firm and have enough strength. If in doubt, apply a test area before beginning.
- Weak concrete must be removed and surface defects such as blowholes and voids must be fully exposed.
- All dust, loose and friable particles should be removed from the surface before application with brush and/or vacuum cleaner.
- Grinding by diamond disk should take over the place and all the dust must be removed by vacuum machine.
- All the cracks must be repaired by Flexible Material.

PRECEDING COAT:

Concentrated Sealer

Important Remarks:

- Surfaces must have enough structural strength.
- Concrete should have minimum of 25 N/mm² compression resistance and minimum 1, 5 N/mm² tensile strength.
- Applications below 10°C should be avoided.
- The surface should be protected from moisture and rain for 24 hours after application.
- All application tools and equipment should be cleaned with water immediately after the use. Cured material can only be removed mechanically.
- Use only where application and drying can proceed at temperatures above: 10°C/50°F. The temperature of paint itself should be 15°C/59°F or above.

Shelf life & Storage:

12 months from date of production if stored properly in original, unopened and undamaged sealed packaging in dry conditions at temperatures between +5°C and +30°C.

Safety:

For information and precautions on the safe handling, transportation storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.

Legal Notice:

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