



## Proof Guard AC 111

### Product Description

A synthetic, solvent-based elastic coating that forms a seamless, non-porous, watertight film that repels water and prevents seepage. It is noted for its excellent adhesion and long-term durability. It creates a very tight film, serving as a moisture sealant for concrete and a stain inhibitor for wood.

### Product uses:

- As a waterproofing coat for terraces and balconies.
- As waterproofing and decorative paint for houses and buildings.
- As water proofing for wood roofs.

### Properties

- Fast drying.
- Easy application.
- Excellent adhesion.
- Very tough and abrasion resistant.
- Excellent UV resistance
- Excellent weather durability.
- Very low maintenance/repair costs
- Resistant to petrol, diesel, engine oil, water etc.

### TECHNICAL PROPERTIES

<i>Appearance/Color</i>	Matt – available in Gray color
<i>Density:</i>	1.35kg/liter
<i>Volume solids %:</i>	58 %
<i>Theoretical spreading rate:</i>	7.75 m <sup>2</sup> /ltr – 5.74 (75 micron DFT)
<i>Consumption:</i>	175 – 200 g /m <sup>2</sup> for 75 micron thickness
<i>Recommended DFT:</i> <i>(Dry Film thickness)</i>	150-200 micron
<i>Surface dry:</i>	30 approx. min (s) 23°C/73.4°F 50% R.H.
<i>Recoating Time</i>	2 hours (23°C and 50% R.H.)
<i>Full dry:</i>	8 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>	Cellulosic Thinner
<i>Thinner Amount:</i>	Brush (Do not Thin) – Roller ( 10-15 %) - airless Spray (5%)



## ***Surface Preparation:***

### **For Concrete**

Allow new concrete to dry for 14-28 days under normal weather conditions before painting. Surface to be painted should be clean and dry, free from oil, grease, dust, dirt, contaminants, and all loose grit and mortar.

### **For Wooden Surfaces**

Surface to be painted should be clean and dry, free from dust, dirt, and other foreign matter. Hammer all nails deep enough to apply putty. Sand rough wood until smooth and then dust off before painting.

### **Repainting**

Any existing paint should be completely removed. Scrape off all loose, scaling, flaking, and peeling paint manually or by using Paint Remover, as necessary. Wash surfaces clean and completely remove chemical residue. Let it dry.

For repainting concrete, grind the surface with diamond disc grinding

## ***Preceding coat:***

Rapid Bond 50

## ***Important Remarks:***

- Surfaces must have enough structural strength.
- Concrete should have minimum of 25 N/mm<sup>2</sup> compression resistance and minimum 1, 5 N/mm<sup>2</sup> tensile strength.
- Applications below 10°C should be avoided.
- The surface should be protected from moisture and rain for 6 hours after application.
- All application tools and equipment should be cleaned with **Toluene** 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.
- NOT recommended for use over damp/wet surfaces.

## ***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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