



Rapid Bond 50

Product Description

It is a one-component, solvent-based, acrylic-based transparent primer with excellent adhesion. Thanks to its high strength, it maintains its adhesion power and film thickness for a long time under heavy traffic. Its UV resistance and chemical resistance is very high. Thanks to its high adhesion, it is applied on smooth floors, as a primer between the floor and the paint, and on the paint where protection and shine is desired. Since it dries quickly and hardens, the application area is opened to traffic within 15 minutes.

Product uses:

- As a primer for all kinds of interior and exterior walls, masonry concrete, plaster, gypsum, surfaces.
- As a dust preventing coat over concrete surface.
- As primer over gypsum board & cement board surfaces.
- As a primer for expansion joint material

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>	Semi Gloss – Transparent Material
<i>Density:</i>	0.85 kg/liter
<i>Volume solids %:</i>	20 %
<i>Theoretical spreading rate:</i>	8 m ² /ltr – 5.74 (25 micron DFT)
<i>Recommended DFT:</i> <i>(Dry Film thickness)</i>	25-50 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.

Preceding coat:

None

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 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:

The information presented herein is given in good faith but without warranty. It's based on our experience, indicates our laboratory work results and does not necessarily indicate final product Performance. We cannot be held liable for the results obtained with our products and for any loss or accident that may result from its use. Our suggestions don't release you from the obligation to check their validity and to test our products for both your process and end use application. All our products are sold in accordance with our General Conditions of Sale. We don't make any warranty, express or implied, including but not limited to the merchant ability and fitness for a particular purpose.