



## **ACRYLIC PRIMER**

### ZERO VOC WATERBASED PRIMER

#### DESCRIPTION

*Acrylic Primer* is a one component, low odor, zero V.O.C. waterbased acrylic primer/sealer that seals concrete and porous surfaces. Suitable for sealing and priming. Increases the adhesion of topcoats. It can be used on porous surfaces including asphalt, wood or concrete.

*Acrylic Primer* is easy to handle and apply. It dries quickly and promotes good intercoat adhesion to any topcoat.

#### SURFACE PREPARATION

*Acrylic Primer* should be applied to clean dry surfaces. Slightly damp surfaces are acceptable provided the substrate will not remain wet.

#### Concrete:

New concrete should be properly cured for thirty days. After proper curing, remove contaminants such as laitance, curing membranes, surface hardeners, and greases and oils. Floors should be swept clean to promote good adhesion of the coating system. An appropriate profile must be created using chemical or mechanical means. The preferred method to prepare concrete floor surfaces is by mechanical means with a portable shot blast cleaning machine. Chemical cleaning of laitance and attached particles can be removed by etching the surface with muriatic acid or a suitable buffered acid solution. Follow acid manufacturer's safety instructions.

#### **PROPERTIES**

##### **VOC**

- 0 lbs per gallon  
( 0 grams/ liter )

##### **Volume Solids**

- 23%

##### **Dry Time**

- Air Dry – 3 mils/50% R.H.  
1-2 hours @ 70°F (21°C)

##### **Estimated Coverage**

250-300 sq.ft./gal

##### **Weight per Gallon**

- 8.5 lbs./gal.

##### **Flash point**

- None

##### **Packaging**

- 1 Gallon Can

After the acid has finished reacting with the concrete remove residue with a water rinse or preferably by power washing. Allow the surface to completely dry. For aged and old concrete floors proceed as above while focusing on grease, oil and chemical contamination, then follow with adequate cleaning.

NOTE: Acid etching will not remove oil, grease or wax. If the acid does not bubble or foam when spread on the concrete, the surface should be examined for films of oil, grease, wax, curing membranes, hardeners or other sealers. These materials must be removed to properly etch the surface.

#### **ASPHALT SURFACES**

Remove all dirt and debris from the surface. Remove oils and grease with a cleaner/degreaser intended for cleaning asphalt. Flush with water until clean and let dry. Repair any loose or cracked asphalt.

#### **WOOD FLOORS**

Weathered wood should be removed or water-blasted to expose a clean solid substrate. Smooth wood should be sanded to ensure proper bonding.

#### **TILE AND FIBERGLASS**

Glazed or ceramic tile and fiberglass must be sanded to remove all glaze to ensure a good mechanical bond. Remove any residual sanding dust by air blowing or wiping with alcohol.

#### **APPLICATION**

Apply when surface and ambient temperature are above 50°F (10°C) and the material temperature is above 60°F(15°C). Application not recommended at temperatures over 120°F. Surface to be painted must be at least 5°F (3°C) above the dew point.

Apply by using a short nap mohair type roller or brush. Primer can be sprayed by airless, air assisted or conventional paint spray equipment. Allow primer to dry 2 hours at 70°F (21°C) before topcoating.

#### **IMPORTANT**

Primed surfaces should be protected from contamination. Protect and mark areas to prevent any foot or rolling traffic. Should the surface become contaminated prior to coating, clean the area before topcoating.

#### **CAUTION**

**Read Material Safety Data Sheet before using this material.**

**In case of eye contact, flush thoroughly with plenty of water. If swallowed accidentally, do not induce vomiting. Seek medical attention immediately.**

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