



**Product Name:**

**VIP1200 PRIMER/SURFACE CONDITIONER (VP1200)**

**Product Description**

VIP1200 Primer/Surface Conditioner is a clear methyl methacrylate emulsion. When first applied it is milky in appearance, but dries to a clear, tenaciously adhering bonding sealer. It can be used over concrete surfaces which have been exposed to the weather and are showing signs of higher than average porosity and unwanted laitance. This material can be used to bind lightly chalky surfaces and enhance the adhesion of top coatings specified for finishing masonry surfaces

**Basic Uses**

Uses: VIP1200 Primer/Surface Conditioner can be used to seal uncoated masonry surfaces prior to overcoating with premium quality elastomeric coatings. It can be used on new above-grade concrete or stucco to be coated prior to a 30-day cure. VIP1200 is also a sealer, consolidating light chalk and concrete dust to the surface, allowing a non-penetrating coating to adhere properly.

**Technical Data**

Property	Value	Test Method
% Solids by Weight	22 ± 2%	Lab Value
% Solids by Volume	20 ± 1%	Lab Value
Viscosity	14 ± 2% seconds @ 77°F	Ford 4 Cup
Water Repellency	91% Minimum	ASTM C67-87
Moisture Vapor Transmission	40% Reduction	ASTM E96-80
Reflectance Change	5-10%	TT-141a Method 6121
Chloride Ion Intrusion	93% Effective	NCHRP Report 244
Resistance to Effloresence	No Effloresence	ASTM C67-87
VOC	<92 g/L	Calculated

Typical product data values should not be used as specifications.

**Surface Preparation**

Surface Preparation: Many exterior coating(s) failures on masonry result from faulty application of the coating over such unwanted contaminants as dirt, dust, laitance, mildew, loose paint, surface efflorescence, grease, oil, excessive chalk and higher than average porosity of the concrete itself. Proper surface preparation is an important factor in achieving a durable, quality finish.

The removal of grease, oil and dirt can be achieved by pressure cleaning while utilizing commercial degreasers. Efflorescence can be removed by scraping and wire brushing the surface. Dust, dirt and chalk can be removed by high-pressure washing. To check to see if most of the chalk has been removed, simply wipe hand over the dried surface; if a powdery colored residue is still visually in evidence on the hand, then more high-pressure washing is required.

Removal of laitance and any other under-bound chalk-like matter can be achieved by etching the surface with a dilute muriatic acid solution; i.e., a good starting point being: (add 1 part muriatic acid to 2 parts water). Always be sure to read all manufacturer's instructions and material safety data sheets pertinent to degreasers and muriatic acid solutions prior to use.

**Method of Application**

- Stir prior to application. Apply with a good brush, roller or spray equipment.
- Do not build up a visual glaze on the surface.
- Protect plants and shrubs from overspray.

- Dries to touch in one hour and can be coated over in 1 hour on a vertical surface.

Thinning: This product is packaged "ready to use." Do not thin.

Tinting: Tinting is not recommended.

Dry Time: At 70°F (21°C), 50% RH (relative humidity). To touch: 30 to 60 minutes. To topcoat on a vertical surface, allow to dry for approximately 1 hour.

### **Recommended Spread Rate & Coverage:**

Application Rate:

200 - 300 sq. ft./gal.

Ultimate spreading rate will depend upon the porosity of the surface.

### **Equipment Recommendations:**

Brush Application: 4" Nylon Foam Brush

Roller Application: 1/4"-3/4" Synthetic Roller Cover; do not overroll

Spray Application: .35 gpm with .013-.015 Tip @ 1500 psi

Packaging: 5 gallon pail.

### **Clean Up**

Clean all equipment immediately after use with warm, soapy water.

### **Limitations**

- To ensure maximum intercoat adhesion between VIP1200 and any other finishes, it should be top coated within 7 days of application, or the surface may need to be re-cleaned.
- Do not apply when temperature of surface or air is below 50°F (10°C).
- If rain or threatening weather is expected within 8 hours, delay application until dry conditions exist.
- Never apply to frozen or frost covered substrates.
- Do not apply product to wet or water saturated substrates or when the relative humidity is above 90%.
- Not for use below grade or under water.
- When using, do not keep in direct sunlight for prolonged periods. KEEP FROM FREEZING.
- Do not apply by garden sprayer.
- Do not flood coat. Do not mix with any additives. Do not thin.
- Allow new stucco and mortar to cure 3 days and poured in place concrete to cure 7 days.

VIP1200 Primer/Surface Conditioner is available in the United States, through distributors. Contact your Momentive Performance Materials Customer Service Center at 877-943-7325 for more information.

### **Handling and Safety**

Material Safety Data Sheets (MSDS) are available upon request from Momentive Performance Materials. Similar information for solvents and other chemicals used with Momentive Performance Materials products should be obtained from your suppliers. When solvents are used, proper safety precautions must be observed. Do not breathe mist. Use only in well ventilated area. Wear respiratory protection if exposure to vapor or mist from processing is possible. KEEP OUT OF REACH OF CHILDREN.

### **Warranty**

Momentive Performance Materials warrants the performance of this product, provided it is properly stored and applied before the "use before" date shown. If not satisfied, return product and/or proof of purchase to address below and Momentive Performance Materials will, at its option, replace or refund the purchase price of this product. MOMENTIVE PERFORMANCE MATERIALS shall in no event be liable for any other damages in excess of the amount of the purchase price. THIS IS THE SOLE AND EXCLUSIVE REMEDY FOR DEFECTS IN, OR FAILURE OF, THIS PRODUCT, AND THE SOLE AND EXCLUSIVE LIABILITY OF MOMENTIVE PERFORMANCE MATERIALS COMPANY THEREFOR. THIS LIMITED WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES WRITTEN OR ORAL, STATUTORY, EXPRESS OR IMPLIED, INCLUDING ANY WARRANTY OF THE MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

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