



primesolution

Prime Solution Acrylic Bonding Primer
05910



COMPLIANCE INDICATORS

at

E.C. VOC Cat 42

MPI #17

DESCRIPTION

An Interior/Exterior Waterborne Acrylic Bonding Primer with excellent adhesion and lower odour than other quick drying primers for hard, non porous surfaces. This product features high hiding properties and is ideal where drastic colour change is required. Approved under the Master Painter's Institute under category #17.

RECOMMENDED USES

- Formulated for use on metal, galvanized steel, millwork, hardboard, fiberglass, plastic, tile, glass, ceramics or over sound, previously painted surfaces.
- This primer allows for a one day primer and top coat system over most surfaces.
- May be top coated with Cloverdale Architectural and Industrial coatings including Latex, Alkyds, Waterbornes, Industrial and Speed Enamels.

FEATURES

- Excellent adhesion, high hiding properties
- Easy application, good build properties
- Low odour, low VOC's
- 100% acrylic resins
- Quick dry, early topcoat
- Good topcoat compatibility
- Excellent "bonding" primer

TECHNICAL CHARACTERISTICS

Bases **VOC(g/L)***

White Primer (05910) <135

**Before thinning and the addition of colorants*

FINISH

Gloss Category: Gloss Level 0 - Primer-Sealer-Undercoat

SOLIDS & DENSITY

Volume: 32%

Weight: 53%

Density: 11.20lbs per gallon. Container extra

FILM THICKNESS (PER COAT)

Wet: 3.2 - 4.0 mils (81 - 102 microns)

Dry: 1.0 - 1.3 mils (25 - 33 microns)

THEORETICAL COVERAGE (PER COAT)

350 - 476 ft² per gallon (9.8 - 11.5 m²/L)

VISCOSITY

88 - 93 KU

DRYING TIME

at 25°C (77°F) and 50% Relative Humidity

Tack Free: 15 minutes

Re-Coat: 60 - 90 minutes

REDUCERS

Not normally recommended.





SURFACE PREPARATION

Surface preparation is important. All surfaces must be smooth, clean, dry, free of mildew, grease, soap film, sanding dust or other contaminants. Remove all loose or peeling material from previously-painted surfaces. Wash all surfaces with a solution of 3 tablespoons of (Phosphate-free) TSP in a gallon of warm water. Rinse thoroughly, allow to dry and then scuff sand using 80-120 grit sandpaper on a hand sander. Remove all sanding dust. Do not apply at temperatures below 10°C (50°F).

WARNING! If you scrape, sand or remove old lead paint from any surface you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH approved respirator to control lead exposure. Carefully clean up with a wet mop or HEPA vacuum. For additional information, Canadian customers contact the Product Safety division of Health Canada at 1-800-O-CANADA, US customers contact the U.S. EPA/Lead Information Hotline at 1-800-424-LEAD (5323).

Application Equipment

Brush: Use a polyester brush

Roller: Use a 3/8" - 3/4" nap synthetic cover

H.V.L.P Spray: 10psi cap pressure. 1.3 tip

Airless Spray: Pressure 2000 psi, Tip .013" - .017"

SAFETY PRECAUTIONS

For detailed information please refer to SDS

First Aid: In case of eye contact, flush immediately with plenty of water for at least 15 minutes. Wash contaminated skin with soap and water. If ingested, call physician or the Poison Control Centre immediately.

READ LABEL AND SAFETY DATA SHEET PRIOR TO USE.

Recent Amendments

Check for recent amendments to this data sheet at www.cloverdalepaint.com

Last Modification date: 08/11/2025

LIMITATION OF LIABILITY

To the best of our knowledge, the technical data contained herein are true and accurate at the time of issuance but are subject to change without prior notice. We guarantee our product to conform to the specifications contained herein. All technical advice, recommendations and services regarding this product are rendered by the Seller gratis. They are based on technical data which the Seller believes to be reliable and are intended for use by persons having skill and know-how, at their discretion and risk. Seller assumes no responsibility for results obtained or damages incurred from this product use by Buyer whether as recommended herein or otherwise. Such recommendations, technical advice or services are not to be taken as a license to operate under or suggest infringement of any patent.

WARRANTY

Cloverdale Paint Inc. warrants its products to be free from defects in material and workmanship. At its option, Cloverdale Paint Inc. will either replace products not conforming to this warranty or credit the Buyer's account the invoiced amount for the non-conforming products. This is Cloverdale Paint Inc.'s sole obligation and Buyer's exclusive remedy in connection with the products. In no event shall Cloverdale Paint Inc. be liable for special, indirect, consequential or incidental damages.

By purchasing this product the Buyer accepts this warranty in lieu of all others, and waives all claims to any other remedy arising from any warranty or guarantee of quality, whether such warranty or guarantee of quality was made expressly to the Buyer or implied by any applicable law.

Any claim under this warranty must be made in writing by the Buyer to Cloverdale Paint Inc. within ten (10) days of discovery of the claimed non-conformance, but in no event later than one (1) year from the delivery date. The Buyer's failure to notify Cloverdale Paint Inc. of such non-conformance as required herein shall bar the Buyer from recovery under this warranty.

