



Technical Data Sheet

PRO WALL PRIMER™ PREPARATORY WALL SEALER & STAIN-BLOCKER

PART 1: GENERAL INFORMATION

1.1 PRODUCT DESCRIPTION

BULL-BOND® PRO WALL PRIMER™ is an acrylic waterproofing primer, sealer and stain blocker formulated to treat old or new concrete, CMU blocks, plaster, stucco and gypsum wall surfaces before being painted. This high performance wall primer is specially designed to resist water infiltration, constant humidity, alkalinity and provide a preparatory coverage coat. PRO WALL PRIMER™ ensures that the paint will have good adherence, increased coverage, resistance to mildew, fungus, algae growth, protection against moisture and increased durability. PRO WALL PRIMER™ is formulated with an ultra-small particle size polymer technology that creates a penetrating, watertight, durable seal on cementitious surfaces.

1.2 BASIC USES:

- Interior and exterior wall and ceiling primer
- Waterproofing primer
- Coverage Promoter and Stain-Blocker
- Primer Component for BULL-BOND® STUCCO-PRO EIFS

1.3 SUITABLE SUBSTRATES:

- Concrete
- Porous Concrete
- Plastering
- Cinder blocks
- Concrete blocks
- Stucco
- Brick

**The preferable substrate to apply the PRO WALL PRIMER™ is over bare concrete. Good adhesion can be obtained over existing coatings, but the final adhesion of the PRO WALL PRIMER™ will depend on the adhesion level of the previously applied material.*

1.4 ADVANTAGES:

- Stops water intrusion and moisture infiltration
- Stain hiding
- Chalk binder
- Outstanding color retention and fade resistance
- Easy to clean
- Resists mildew, fungus and algae growth
- Excellent coverage
- High durability, resists flaking and peeling
- Resists alkali and efflorescence
- Low VOC and non-toxic

1.5 LIMITATIONS:

- PRO WALL PRIMER™ may be applied over previous coatings in sound condition, but the warranty is void.
- This product is not formulated for horizontal surfaces subject to foot traffic.
- PRO WALL PRIMER™ is not an elastomeric coating therefore it will not provide protection against water penetration through cracks or joints.

PART 2: TECHNICAL DATA

PHYSICAL PROPERTIES

PRODUCT CHARACTERISTICS	
COMPOSITION	100% Acrylic Latex
FINISH	Smooth
SHEEN	Flat
COLORS	White
WEIGHT SOLIDS	45%
DENSITY	8.3 lb/gal
VISCOSITY	3,500 ± 1,000 cps
pH	8.0 ± 1.0
COVERAGE	150-200 ft²/gal Rough Surfaces
	250-350 ft²/gal Smooth Surfaces
DRY TIME	To touch: 1 hr To recoat: 2-12 hrs
SHELF LIFE	12 months

PART 3: INSTRUCTIONS

3.1 SURFACE PREPARATION

3.1.1. Cleaning:

-The surface must be dry, structurally sound, thoroughly clean and free of efflorescence, mold, old paint, oil, wax, grease, dirt, dust, form release compound or any other contaminant that might act as a bond breaker. Any loose concrete, paint, sealer, mold or water-soluble materials must be removed.

1. For chalky surfaces with efflorescence first apply mechanical abrasion with a wire brush or another abrasive then remove efflorescence powder with acid etching using BULL-BOND® Kleancrete™ or regular muriatic acid following the manufacturer's instructions for each respective product. Remember to thoroughly rinse and neutralize the concrete surface to assure the surface pH is alkaline before product application.

2. To remove mildew and fungus use a solution of regular bleach diluted with water at a ratio of 1:10 and rinse immediately to prevent absorption of chlorine into the concrete or using a mildew removing product. **It is important to dilute the bleach with water and wash the surface immediately. Never leave concrete surfaces with chlorine solutions without rinsing.*

3. Remove or sand old paint or glossy surfaces with a wire brush, a grinder using a carbide or diamond grinding blade or by other suitable means. Previously painted surfaces with excess gloss need to be sanded. ****If you scrape, sand, or remove old paint, you may release lead dust. LEAD IS TOXIC AVOID EXPOSURE. Wear a NIOSH approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop.***
4. Remove oil, wax, grease, dirt, dust and/or form release compound with an industrial degreaser using a heavy duty brush.
5. Rinse thoroughly with clean water.

3.1.2 Sealing Cracks and Joints:

1. Cracks with a thickness of 20 mils or more: Apply a polyurethane sealant over the crack filling it entirely immediately use a spatula to press sealant material towards the crack leaving a 2" wide band leaving a smooth finish. Allow the sealant to cure for 24 hours or until it is 100% cured.
2. Visible hairline cracks thinner than 20 mils:
 - option a. Follow above procedure (1)
 - option b. Using a spatula apply a 2" wide band over the crack with BULL-BOND® Elasto Filler™ leaving a smooth finish.
 - option c. Saturate the crack with BULL-BOND® Primer Plus™.
3. Below grade cracks or holes with active leakage must be properly patched with BULL-BOND® Water Stop™ or another fast setting hydraulic cement.
4. Spot prime this areas with a liberal coat of BULL-BOND® PRO WALL PRIMER™ using a brush or roller.

3.1.3 Repairing Aesthetic Defects and Holes:

1. Detail repair all aesthetic defects, cracks and holes with patching material or a filler. Sand surface if needed.
2. Spot prime this areas with a liberal coat of BULL-BOND® PRO WALL PRIMER™ using a brush or roller.

3.2 APPLICATION

1. Use product when ambient, material and surface temperature are below 95°F and above 50°F. Do not use product if precipitation or heavy dew is expected. Use with adequate ventilation.
2. Mix product thoroughly before and during application.

3. Previously painted surfaces and areas with efflorescence or excessive porosity that have been thoroughly cleaned and prepared should be spot primed with BULL-BOND® PRO WALL PRIMER™ or BULL-BOND® Primer Plus™ at a rate of 350 ft²/gallon using a brush or roller.
4. Apply first of BULL-BOND® PRO WALL PRIMER™ coat over the entire surface at 250-350 ft²/gallon for smooth surfaces or at 150-200 ft²/gallon for rough surfaces using a roller (3/4" nap), good quality nylon bristle brush or an airless sprayer.
 - a. If rolled, back brush the first coat to fill any pinholes.
 - b. If brushed, work the product into the surface making sure to fill all pores and pinholes.
 - c. If sprayed use an airless pump at 3,000 to 3,200 psi with a 3/8" or 1/4" airless hose using a 0.025"-0.031" spray tip.
5. After applying inspect the entire wall surface for any stains or pinholes in the coating. Any affected area should be painted with an additional coat to ensure full effectiveness.
6. Let the product dry completely at least 12-24 hours.

3.3 CLEANUP

Immediately wash hands and tools promptly with water before material hardens. Cured material must be mechanically removed.

3.4 STORAGE AND SHELF LIFE

Do not store Bull-Bond® Masonry Wall Primer™, where it is likely to freeze or be exposed to hot/cold temperature cycling. Store in a covered area, with a normal 50- 90°F ambient temperature away from excessive heat.

PART 4: PRECAUTIONS

Keep out of the reach of children. Children can fall into open buckets and drown. Keep containers tightly closed. Carefully read and follow all cautions and warnings on product label. Avoid release to the environment. Do not breathe mist/vapor/spray. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in well-ventilated area. Read MSDS before use.

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