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Since 1967

Technical Data Sheet

PRO DRY™ ELASTOMERIC

CONCRETE & MASONRY WATERPROOFING PAINT

PART 1: GENERAL INFORMATION

1.1 PRODUCT DESCRIPTION

BULL-BOND® PRO DRY™ ELASTOMERIC is an acrylic waterproofing paint for concrete and masonry walls. This high performance coating is specially designed to resist wind driven rain, constant humidity, mildew, fungus, algae growth, alkalinity, and excels in the most demanding tropical conditions. PRO DRY™ ELASTOMERIC is formulated with an ultra-small particle size polymer technol ogy that creates a penetrating, watertight, durable seal on masonry and concrete surfaces.

1.2 BASIC USES:

- Interior and exterior finishing
- Waterproofing:
  - Concrete walls
  - Masonry walls
  - Brick Walls
- BULL-BOND® Stucco-Pro EIFS
- Protective UV coating for CFRP

1.3 SUITABLE SUBSTRATES:

- Concrete
- Porous Concrete
- Cinder blocks
- Concrete blocks
- Stucco
- Brick
- Carbon Fiber Composites

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

1.4 ADVANTAGES:

- Elastomeric Elongation
- Resists wind-driven rain
- 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
- Exceptional UV Protection

1.5 LIMITATIONS:

- PRO DRY™ ELASTOMERIC 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.

PART 2: TECHNICAL DATA

PRODUCT CHARACTERISTICS	
COMPOSITION	100% Acrylic Latex
FINISH	Smooth
SHEEN	Flat
COLORS	White or Base
WEIGHT SOLIDS	63-65%
VOLUME SOLIDS	40-45%
DENSITY	12.0-12.2 lb/gal
VISCOSITY	105-110 KU at 70°F
pH	8.8-9.6
COVERAGE	100-150 ft²/gallon/coat
RECOMMENDED FILM THICKNESS	11-16 wet mils/coat , 6 dry mils/coat
DRY TIME	To touch: 1 hr To recoat: 5 hours
SHELF LIFE	12 months

PART 3: INSTRUCTIONS

3.1 SURFACE PREPARATION

3.1.1.Cleaning:

The concrete or masonry 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 old paint 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.
6. Carbon Fiber composite substrates should be solvent wiped with acetone before application of Pro Dry™ UV Protective coating.
7.CFRP sustrates must be cured at least to 75% of the epoxy bonder ultimate strength to prevent UV coating alligatoring defects.
8. In tropical climates with ambient temperatures of 80-90°F CFRP composites should have a minimun of 24 hours curing time before application of the Pro Dry™ UV protective coating.

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.

3.1.3 Priming:

1. Prime concrete and mineral substrates with BULL-BOND® Pro Wall Primer at a rate of 350 ft²/gallon.

2. No Primer is needed for CFRP composite sustrates.

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. Apply first coat at 100-125 ft²/gallon for smooth surfaces or at 75-100 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 in the masonry or concrete.
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.
4. Apply second coat at 100-125 ft²/gallon following the same procedure as above (3)
5. After applying the second coat inspect the entire wall surface for any pinholes in the coating. Any affected area should be painted with an additional coat to ensure full waterproofing.
6. Let the product dry completely at least 24 hours.

PART 4: PRECAUTIONS

Avoid breathing product vapors or mist. Use only with adequate ventilation. Causes eye, nose and throat irritation. Could be harmful if swallowed. KEEP OUT OF REACH OF CHILDREN. Carefully read and follow all cautions and warnings on product label and SDS.

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Check our website for the latest version of the Technical Data Sheet

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BULL-BOND® Since 1957

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