



Since 1967

Technical Data Sheet

PRO DRY™ SMOOTH FINISH CONCRETE & MASONRY WATERPROOFING PAINT

PART 1: GENERAL INFORMATION

1.1 PRODUCT DESCRIPTION

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

1.2 BASIC USES:

- Interior and exterior finishing
- Waterproofing:
 - Above and below grade walls
 - Concrete walls
 - Masonry walls
 - Basement walls
 - Retaining walls
 - Brick Walls
 - Foundations
 - Landscape walls
 - Fish Ponds

1.3 SUITABLE SUBSTRATES:

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

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

1.4 ADVANTAGES:

- Stops water intrusion and moisture infiltration
- Resists 15 psi of hydrostatic pressure, equivalent to a wall of water 33 ft. high
- 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

1.5 LIMITATIONS:

- PRO DRY™ 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 DRY™ is not an elastomeric coating therefore it will not provide protection against moisture penetration through cracks or joints.

PART 2: TECHNICAL DATA

PRODUCT CHARACTERISTICS	
COMPOSITION	100% Acrylic Latex
FINISH	Smooth
SHEEN	Flat
COLORS	White or Base
WEIGHT SOLIDS	55-60%
VOLUME SOLIDS	40-45%
DENSITY	11.25 lb/gal
VISCOSITY	120-130 KU at 70°F
pH	9.1-9.5
COVERAGE	75-100 ft ² /gallon/coat
RECOMMENDED FILM THICKNESS	10 wet mils/coat , 6 dry mils/coat
DRY TIME	To touch: 1 hr To recoat: 5 hours
SHELF LIFE	12 months

MATERIAL PHYSICAL PROPERTIES		
PROPERTY	METHOD	RESULTS
Resistance to Hidrostatic Pressure	(ASTM D7088)	15 psi
Resistance to Wind-Driven Rain	(RILEM TEST)	pending
Water Vapor Permeability	(ASTM E96)	3-5 perms
Fungi Resistance	(ASTM G21)	0 rating

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.

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. Surfaces that had efflorescence or with excessive porosity need to be primed with BULL-BOND® Primer Plus™ or with a dilution of BULL-BOND® Elasto Acryl™ with water at a ratio of 1:1 at a rate of 350 ft²/gallon.

2. Previously painted surfaces that have been thoroughly cleaned and prepared should be primed with BULL-BOND® Masonry Wall Primer™ or BULL-BOND® Primer Plus™ at a rate of 350 ft²/gallon.

3.2 APPLICATION

1. Use product when ambient, material and surface temperature are below 95°F and over 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 75-100 ft²/gallon 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 75-100 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. If leaking is still present after two coats, it indicates that pores or pin holes are still open. 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.

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