

# Technical Data Sheet



## 1. PRODUCT NAME

**Bull-Bond® ROOF COATING™**  
ELASTIC, SYNTHETIC POLYMER  
PIGMENTED SEALER & TOP COAT

## 2. DISTRIBUTOR

**CONSPRO CORPORATION**  
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## 3. PRODUCT DESCRIPTION

**BULL-BOND® ROOF COATING™** is an elastic roof sealer and top coat, durable, breathable and water tight. **BULL-BOND® ROOF COATING™** sealer is formulated to protect and seal concrete, tar, asphalt, plywood or galvanized metal roofs in tropical climates.

**BULL-BOND® ROOF COATING™** is a single component, water based, good quality roof seal made of 100% polymeric resins; plasticized, resistant to mildew, fungus, algae, chemicals, tropical environments and UV radiation. **BULL-BOND® RC™** produces a durable, flexible, water resistant, heat reflective barrier over "primed" roof surfaces such as concrete, asphalt, galvanized metal, plywood and foam.

**BULL-BOND® ROOF COATING™** is durable, has good adhesion to substrates, is easy to spray, cleans-up with water, is environmentally safe, non-toxic and low in odor. The product cures in less than 2 hours on sunny 85°F plus weather to prevent rain washouts.

**ROOF COATING™** forms a tough, flexible, elastic, seamless, membrane system ideal to protect residential and light commercial roof surfaces of concrete, asphalt, built-up re-roofing and urethane foam roof insulation systems.

**Bull-Bond® ROOF COATING™** is compatible with other **BB** roofing system components; **ElastoFiller™** for crack repairs and

**ElastoAcryl™** for stopping humidity problems. For technical data sheets on these complementary products, call your rep or visit our internet web site at [www.bull-bond.com](http://www.bull-bond.com).

## 4. PHYSICAL PROPERTIES & TESTS:

**DENSITY:** 10.25 ± 0.25 pounds/gallon.

**VISCOSITY:** 2,500 ± 500 cps at 70 °F.

**PERCENT SOLIDS:** 45.0 ± 2.0 % (weight).  
40.0 % (volume).

**Tensile Strength:** 600 psi ASTM D 412.

**Tensile Elongation:** 250 % ASTM D 412.

**Water Permeability:** 75.0 perms at 20 mils.  
ASTM E 96 Modified.

### PEEL ADHESION:

To Concrete: 25 pli

To URETHANE FOAM: 10 pli

To ElastoAcryl™: 25 pli

### CURE TIME:

Recoat Time: 3 to 12 hours.

Cure Time: 12 hours.

Final Cure: 24 - 48 hours.

All at 85°F and sunny weather conditions.

### COVERAGE RATE:

05 mils Dry: 140 ft<sup>2</sup> / USgal.

10 mils Dry: 70 ft<sup>2</sup> / USgal.

20 mils Dry: 35 ft<sup>2</sup> / USgal.

### MATERIAL INFORMATION:

Color: **ULTRA WHITE** or **Gray**.

Packaging: 1 or 5 Gallons pails.

Mix Ratio: One component.

Composition: Water based elastic synthetic polymers rubberized top coat & sealer.

Clean-up: Tap water or soapy water.

Compatible with ElastoFiller™/ElastoAcryl™.

### CAUTION:

Keep out of the reach of children. Could be harmful if swallowed. Call physician immediately if ingested. Avoid breathing vapors. Use only in well ventilated areas. Do not use in areas with hydrostatic pressure.

**Do not apply to roofs or systems employed for collecting potable water for human or animal consumption.**

## INSTRUCTIONS FOR USE :

1. The roof surface must be clean, structurally sound, free of dust, dirt, fungi and other foreign substances. Roof surface profile must be smooth and flat complying with ICRI's CSP 1 - CSP 5 ([http://www.icri.org/publications/search\\_details.asp?ProductID=376](http://www.icri.org/publications/search_details.asp?ProductID=376)); for optimum membrane thickness. For chalky concrete and areas with severe humidity problems application of the following surface primers: **ELASTOACRYL™**, **CONCRYL™** or **EPOXY-SEAL WB™** are strongly recommended over the concrete or plywood roof surfaces. The sealer can also be applied over the **BULL-BOND® ACRYLIC PRIMER**, the preferred primer for tar roofs; or other compatible elastomeric roof primer systems. Do not apply or use **BULL-BOND® Roof Coating™** on areas with standing water or with hydrostatic pressure or use in potable water contact.

2. Stir the product for a few minutes before use. **ROOF COATING™** can be applied with brush, roller or airless spray to obtain a smooth and uniform film. Coverage will depend upon the nature, porosity and condition of the substrate. For normal conditions, an application rate of 70 square feet per gallon results in a dry film thickness of 10 mils per coat. Two or three 10 mils coats are recommended for most roof surfaces. Thicker films can be applied up to a maximum coverage of 50 square feet per gallon per application.

3. **Recommended minimum dry film thickness for all roof applications is 20 mils.** For protecting urethane foam systems a minimum DFT of 30 mils is recommended. Two or more applications of **BULL-BOND® ROOF COATING™** are mandatory for optimum water resistance in flat concrete roofs. Minimum recoat drying period is 2 hours. The second and or subsequent coats must be applied in a crosshatch pattern over the dried-to-touch base coats. Do not apply topcoats if basecoat is wet or has not dried completely to touch.

4. Wash brushes, rollers and spray equipment promptly with warm soapy water. No organic solvents are needed. For mechanical spray equipment a final flushing with mineral spirits is recommended to prevent corrosion of interior metal parts.

5. Close container tightly to maintain product in good conditions. Keep out of the reach of children. Drying time and final cure are affected by temperature and humidity. Do not apply below 50°F or above 100°F or when adverse or rainy weather is predicted.

6. Rainfall before complete cure can cause blistering and moisture entrapment in the **ROOF COATING™** film. Do not apply product if rain is forecasted or imminent. Avoid painting late in the day to prevent dew or condensation on the uncured product film.

7. **APPLICATION EQUIPMENT:** Standard airless spray equipment for application of **BULL-BOND® ROOF COATING™** should be equipped with the minimum pump, tip and hose sizes recommended below:

PUMP RATIO: 30 : 1

TIP SIZE: 0.030 to 0.040 inch.

FAN ANGLE: 60 to 80 degrees.

HOSE DIAMETER: 3/8 inch; 4,000 psi.

8. Compatible components of the **BULL-BOND® ROOF COATING System** include the **ELASTOFILLER™** for crack repairs, the **ELASTOACRYL™** primer for unsurpassed water resistance and humidity elimination in concrete and plywood roof substrates and the **BULL-BOND® ACRYLIC PRIMER** for water tight roof applications.