Conspro Corp.
Road 175 Km. 0.2 Rio Cañas
Industrial Park Lot #35
Caguas, PR 00725
Tel: 787-653-4900
Fax: 787-653-4949
email: info@conspro.com
www.bullbond.com

Since 1967

Technical Data Sheet

ELASTO ACRYL™

HIGH-SOLIDS PENETRATING WATERPROOFING PRIMER AND SEALER

PART 1: GENERAL INFORMATION

1.1 PRODUCT DESCRIPTION

BULL-BOND® ELASTO ACRYL™ is a clear, 100% acrylic, high solids, penetrating sealer and primer. This product is used to waterproof concrete, masonry, wood surfaces, galvanized metal and painted or primed aluminum/metal surfaces. ELASTO ACRYL™ is formulated with ultra-small particle size acrylic polymers and water-like viscosity; this allows the primer to penetrate deep within the substrate's internal structure. After curing, deep penetration results in a permanent saturation of the substrate's pores and micro cracks; while providing unique waterproofing properties within the substrate. ELASTO ACRYL™ cures with a tacky finish offers high strength adhesion for subsequent coatings. ELASTO ACRYL™ can be used as a waterproofing primer and dust-proofer prior to roof coatings, floor and wall finishes. Elasto Acryl™ is also recommended as a primer/adhesion promoter before the application of Bull-Bond® paints on marginal substrates. If diluted properly ELASTO ACRYL™ can also be used as a stand-alone natural satin finish sealer.

1.2 BASIC USES:

- Waterproofing primer and dust-proofer prior to elastomeric roof coatings
- Waterproofing primer and dust-proofer prior to floor and wall finishes.
- Stand-alone protective sealer on surfaces like:
  - Block Paver (1:1 Dilution)
  - Porous Concrete (1:1 Dilution)
  - Non-Porous Concrete (1:2 Dilution)
  - Stone (1:1 Dilution)
  - Stucco (1:2 Dilution)
  - Plaster (1:2 Dilution)
  - CMU Block (1:1 Dilution)
  - Drywall (1:2 Dilution)
  - Adobe (1:1 Dilution)
  - Concrete Retaining Walls (1:2 Dilution)
  - Brick (1:2 Dilution)
  - Asphaltic (Neat)

BULL-BOND® ELASTO ACRYL™ is suitable for interior and exterior conditions on vertical and horizontal surfaces for the previously mentioned applications.

1.3 ADVANTAGES:

- Low viscosity
- Excellent porous surface penetration
- Permanent concrete saturation
- Produces a penetrating seal
- Reduces permeability
- Adhesion promoter for subsequent base coat
- High adhesion strength to cementitious substrates
- Water-based
- Easy to clean
- Fast drying
- Low VOC and non-toxic

1.4 LIMITATIONS:

- BULL-BOND® ELASTO ACRYL™ must cure for at least 2 hours before subsequent coatings.
- BULL-BOND® ELASTO ACRYL™ does not provide waterproofing against hydrostatic pressure, in this case use BULL-BOND® PRO DRY™.
- If applied over concrete, it has to be cured at least 30 days.
- Do not apply over solvent or oil-based sealers.
- Do not apply when air or surface temperature is below 50°F (10°C) or expected to fall before coating can dry.
- Do not apply when air or surface temperature exceeds 95°F.
- Do not apply to wet or damp surfaces.
- Do not apply when it may rain or dew may condense on the surface before product has a chance to dry.
- Do not allow freezing. Store above 40°F (5°C).

PART 2: TECHNICAL DATA

PRODUCT CHARACTERISTICS	
BULLBOND® ELASTO ACRYL™	
COMPOSITION	100% Acrylic Latex
FINISH	Natural Satin Clear
WEIGHT SOLIDS	32%
DENSITY	8.33 lb/gal
VISCOSITY	w ater-like
pH	8.0-9.0
COVERAGE	See Application Rate Table
DRY TIME	To touch: 1 hr To recoat: 2-4 hours
SHELF LIFE	12 months

PART 3: INSTRUCTIONS

3.1 SURFACE PREPARATION

- All substrates must be structurally sound, thoroughly clean and free of oil, wax, grease, dust, loose debris, plant material or any other contaminant that might act as a bond breaker.
- Remove any loose material, deteriorated concrete, paint, sealer, mold or water-soluble materials.
- 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.

• For chalky surfaces with excessive 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. Remember to thoroughly rinse and neutralize the concrete surface to assure the surface pH is alkaline before product application.
• For smooth-finished concrete etch the surface with BULL-BOND® KLEANCRETE™ or regular muriatic acid. Remember to thoroughly rinse and neutralize the concrete surface to assure the surface pH is alkaline before product application.
• Clean the surface with a high-pressure water hose.
• Test the surface by sprinkling water on various areas of the substrate. If water penetrates, then a good bond can be achieved; if water beads, surface contaminants are present, and loss of adhesion may occur. Contaminants should be mechanically removed before installation.
• Ambient temperature, surfaces and materials should be below 90°F. Do not use product if rain is expected.
• Surface must be completely dry.

3.2 APPLICATION

APPLICATION RATE			
BULL-BOND® ELASTO ACRYL™			
As a Waterproofing Primer			
HORIZONTAL SUBSTRATE	**CONCENTRATION**	**FIRST COAT**	**SECOND COAT**
Concrete Roof	1:1 Dilution	200 ft²/gallon	300 ft²/gallon
Porous Concrete	1:1 Dilution	100 ft²/gallon	150 ft²/gallon
Non-Porous Concrete	1:2 Dilution	300 ft²/gallon	450 ft²/gallon
Asphaltic	Neat	100 ft²/gallon	If requiered
VERTICAL SUBSTRATE	**CONCENTRATION**	**FIRST COAT**	**SECOND COAT**
Porous Concrete	1:1 Dilution	100 ft²/gallon	150 ft²/gallon
Plaster	1:1 Dilution	300 ft²/gallon	450 ft²/gallon
CMU Block	Neat	80 ft²/gallon	120 ft²/gallon
Non-Porous Concrete	1:2 Dilution	300 ft²/gallon	450 ft²/gallon
As a Stand-Alone Protective Sealer			
HORIZONTAL SUBSTRATE	**CONCENTRATION**	**FIRST COAT**	**SECOND COAT**
Porous Concrete	1:1 Dilution	100 ft²/gallon	150 ft²/gallon
Non-Porous Concrete	1:2 Dilution	300 ft²/gallon	450 ft²/gallon
VERTICAL SUBSTRATE	**CONCENTRATION**	**FIRST COAT**	**SECOND COAT**
Porous Concrete	1:1 Dilution	100 ft²/gallon	150 ft²/gallon
Non-Porous Concrete	1:2 Dilution	300 ft²/gallon	450 ft²/gallon
Plaster	1:2 Dilution	300 ft²/gallon	450 ft²/gallon
CMU Block	1:1 Dilution	80 ft²/gallon	120 ft²/gallon
Concrete Retaining Walls	1:2 Dilution	125 ft²/gallon	190 ft²/gallon
Brick	1:2 Dilution	300 ft²/gallon	450 ft²/gallon

3.2.1 As a Waterproofing Primer and Dust-Proofer Prior to Roof Coatings:

1. Exposed concrete roof surfaces that have moisture problems, concrete dusting or with excessive porosity need to be flood coated with a first coat of BULL-BOND® ELASTO ACRYL™ diluted with water at a ratio of 1:1 at 200 ft²/gallon or two coats at 400ft²/gallon. If it is necessary, spread any product build-up with a brush or broom, back roll to eliminate any puddles and assure proper surface penetration.
2. Let the first coat dry at least 2 hours.
3. Apply a second coat following the same procedure as above. The second coat may be applied neat (concentrated).
4. Let the product dry completely at least 2 hours before subsequent roof coating application, but topcoat before 48 hours. If the roof coating cannot be applied within 48 hours, reprime.

3.2.2 As a Primer and Dust-Proofer Prior to Floor and Wall Finishes:

1.Wall surfaces that have moisture problems, efflorescence or with excessive porosity need to be primed with BULL-BOND® ELASTO ACRYL™ at a rate of 350 ft²/gallon. Back roll to fill any pinholes and assure proper surface penetration.
2. Let the first coat dry at least 2 hours.
3. For and increased seal apply a second coat following the same procedure as above.
4. Let the product dry completely at least 2-4 hours before paint application.

3.2.3 As a Sealer on Horizontal Surfaces:

1.For low density or porous surfaces dilute product with water at a ratio of 1:1. For high density or non-porous surfaces dilute product with water at a ratio of 1:2. Mix product lightly before application.
1.Apply a first coat at the required coverage rate (refer to the coverage table for each type of surface) using a garden sprayer, airless sprayer or a roller (1/4"-3/8" nap). Divide into sections and make sure that product application is uniform throughout the surface.
1.If sprayed or rolled, back brush the first coat to eliminate any puddles and assure proper surface penetration.
2.If brushed, work the product into the surface making sure to fill all pores and pinholes.
2.Allow the first coat to dry for at least 2 hours.
3.For low density or porous surfaces a second coat may be applied for and increased seal, better stain resistance and if a higher gloss is desired. Follow the same procedure as above.
4.Let the product dry completely at least 2-4 hours.

3.2.4 As a Sealer on Vertical Surfaces:

1.For low density or porous surfaces dilute product with water at a ratio of 1:1. For high density or non-porous surfaces dilute product with water at a ratio of 1:2. Mix product lightly before application.
2.Apply the first coat from the bottom up at the required coverage rate (refer to the coverage table for each type of surface) using a garden sprayer, airless sprayer, roller (1/4"-3/8" nap) or a brush.
1.If sprayed or rolled, back roll the first coat to fill any pinholes and assure proper surface penetration.
2.If brushed, work the product into the surface making sure to fill all pores and pinholes.
3.Allow the first coat to dry for at least 2 hours.
4.For and increased seal, better stain resistance and if a higher gloss is desired apply a second coat at the required coverage rate (refer to the coverage table for each type of surface) following the same procedure as above.
5.Let the product dry completely at least 2-4 hours.

3.3 CURING

1. The applied product should be dry to touch after 1-3 hours.
2. Protect from excessive rain during the first 24 of curing.
3. Will accept subsequent top coating after 2 hours of application.

3.4 CLEANUP

Wash hands and tools promptly with water and soap immediately after use.

PART 4: PRECAUTIONS

Avoid breathing product vapors or mist. Use only with adequate ventilation. Can cause 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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BULL-BOND® Since 1967

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