



Technical Data Sheet

PRO-SIL® PRIMER ADHESION PROMOTING SILICONE PRIMER

PART 1: GENERAL INFORMATION

1.1 PRODUCT DESCRIPTION

BULL-BOND® PRO-SIL® PRIMER is a fluid-applied, water-based, silicone adhesion promoting primer. PRO-SIL® PRIMER is formulated to work as an adhesion promoter for PRO-SIL® TOP COAT high solids 100% silicon topcoat in numerous roofing substrates. PRO-SIL® PRIMER finishes with a tacky finish that offers high strength adhesion for subsequent silicone waterproofing coatings.

1.2 BASIC USES:

- Adhesion Promoter for:
 - PRO-SIL® 100% Silicone TOP COAT

1.3 SUITABLE SUBSTRATES:

- Metal Surfaces
 - Galvanized Metal
 - Painted Metal (Not FEVE or PVDF)
 - White Metal Blast Finish
- Existing Roof Coatings
 - Acrylic
 - Polyurethane
 - Others
- Asphalt Roofing
 - Granulated Cap Sheet
 - BUR
- Porous Mineral Substrates
 - Concrete
 - Masonry
 - Cement Board

1.4 ADVANTAGES:

- High-tack finish
- High adhesion strength
- Water-based
- Easy to clean
- Fast drying
- Low VOC and non-toxic
- Long Recoat Intervals

1.5 LIMITATIONS:

- Do not apply PRO-SIL® TOP COAT until PRO-SIL® Primer has fully dried or bonding failure will occur.
- Do not apply to wet or damp surfaces.
- Do not apply when it may rain or dew may condense on the surface before the coating can dry. Substrate temperature must be 10°F above the dew point before, during and after primer application.

- Do not apply when air or surface temperature is below 50°F (10°C) or expected to fall before coating can dry.
- Choose a sunny day to apply the coating. It is not advisable to start the product application after 3:00pm or if precipitation is imminent.
- Let primer dry at least 12-24 hours but apply subsequent silicone coat within 96 hours.
- Do not apply material unless surface is clean, dry, without dust, free of old delaminated materials and/or other contaminants.
- Do not apply over liquid asphalt coatings or aluminum asphalt paint.

PART 2: TECHNICAL INFORMATION

2.1 PRODUCT CHARACTERISTICS:

PRODUCT CHARACTERISTICS	
BULL-BOND® PRO-SIL® PRIMER	
COMPOSITION	Water Based Polymer
COLOR	Red
WEIGHT SOLIDS	20-30%
DENSITY	8.50 lb/gal
VISCOSITY	60-70 KU
DRY TIME	To touch: 30min To recoat: 8hrs
SHELF LIFE	6 months
YIELD	200-300 sqft/gal

PART 3: INSTRUCTIONS

3.1 PRIMING

3.1.1 Previously Coated Acrylic, Polyurethane Roof or Cement/Polymer Micro-Topping Roof Renew Coat:

1. Apply one coat of PRO-SIL® Primer to the entire roof surface at 300 ft²/gallon (1500 ft²/pail). If necessary, spread any product build-up (puddles) with a brush or broom.
2. Let primer dry at least 12-24 hours. Apply subsequent PRO-SIL® Top Coat within 96 hours.

3.1.2 Metal Roof:

1. Apply one coat of BULL-BOND® PRO-SIL® PRIMER to the entire metal roof surface at 300ft²/gallon (1500 ft²/pail). Spread any product build-up (puddles) with a brush or broom. Product must dry completely before top coat application. Leave for at least 12-24 hours to dry.
2. Apply the subsequent PRO-SIL® Top Coat within 96 hours.

*Adequate priming and field adhesion testing is compulsory for warranty purposes. Preliminary roof surface adhesion testing is strongly recommended before project start-up for unknown or difficult roof substrates. See the following site for more information:
<http://bullbond.com/adhesiontesting/>

PART 4: PRECAUTIONS

Avoid breathing product vapors or mist. Use only with adequate ventilation. Could 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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