

PRO PACK

Urethane Pourable Sealant

Technical Data Sheet

CSI Section No. 07 14 00

CHEM LINK

Construction & Maintenance

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Description

PRO PACK is a two-component, RTV, urethane pourable sealant. It is designed for use in horizontal self-leveling, sealing and waterproofing applications. When properly mixed, **PRO PACK** cures to a tough rubber mass with excellent low temperature elasticity and adhesion.

PRO PACK resists deterioration caused by weather, water and ice. It is also resistant to oils, fuels, and many chemicals.

PRO PACK is 100% solid rubber. **PRO PACK** has no solvents, very low volatile organic content (V.O.C) and will not shrink after application.

PRO PACK has excellent adhesion to most construction materials.

PRO PACK contains no asphalt or coal tar.

Uses

ROOFING: PRO PACK is used to fill warranted ChemCurb penetration seals & pitch pans on "low-slope" roofing systems. On a positive slope, allow **PRO PACK** to partially cure to trowel grade consistency, then apply to ChemCurb with a trowel. It is also a waterproof sealant for bridging the transition between different types of roof construction and as a "night sealant".

EXPANDED POLYSTYRENE FOAM: PRO PACK has excellent adhesion to and is compatible with Styrofoam, EPS, and urethane foam insulation. It bonds and waterproofs tapered foam sheets to form an inseparable composite that is highly resistant to wind uplift.

Regulatory Compliance

- Conforms to OTC Rule for Adhesives
- Meets requirements of California Regs: CARB and SCAQMD
- This product does not contain cancer causing chemicals listed in California Proposition 65.
- Conforms to USDA Requirements for non-food contact

Green Standards

- NAHB Model Green Home Building Guidelines: 5 Global Impact Points
- VOC Content at 240°F: less than 7 grams/liter
ASTM D2369, EPA Method 24

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Advantages

- Unlimited cure depth
- Flexible down to -40°F (-40°C)
- Can be used above or below grade
- Self-leveling. Fills and penetrates cracks with tough urethane rubber
- Thermosetting - no plastic flow or creep at elevated temperatures
- Application at temperatures as low as 40°F (4°C)

Color

Black

Packaging

- 2 gallon kits with hardener, stir paddle & gloves
50 cartons/pallet

Shelf Life

Twelve months from date of manufacture when stored at 70°F / 21°C with 50% relative humidity. High temperature and high relative humidity may significantly reduce shelf life.



Field Applications

Surface Preparation / Mixing Requirement

All bonding surfaces shall be clean, sound, dry and free of all bond breaking contaminants such as rust, oil, wax and grease. Wipe all new metal with rubbing alcohol before sealant application. Material shall be kept at room temperature for 24 hours before mixing. Mix Part A and Part B for a minimum of 5 minutes, making sure the pourable sealer is a uniform black color.

Always test substrates to confirm adhesion.

MIX RATIO

• 7 : 1 by volume

Suggested Application Rate

One gallon contains 231 cubic inches.

20 mil cover rate equals 80 square feet per gallon.

Two 20 mil applications are required for large area waterproofing.

Clean Up

Wet sealant can be removed using a solvent such as mineral spirits. Cured product can be removed by abrading or scraping the substrate.

Caution

Avoid prolonged contact with skin. Uncured adhesive irritates eyes. In case of contact with eyes, immediately flush with water. Call a physician. Please refer to the SDS for first aid information. Most current SDS can be found at: www.chemlink.com

KEEP OUT OF REACH OF CHILDREN

Limitations

- Do not store in elevated temperatures
- Remove all coatings and sealers before application.
- Do not apply at temperatures below 40°F (4°C).
- Do not prime bonding surfaces with asphalt primer.
- Do not apply over uncured concrete.
- Do not apply over wet or oily surfaces.
- Do not apply if rain is expected within 4 hours.
- Incompatible with Hypalon, and smooth APP modified bitumen membranes.

Use **CHEMLINK** TPO Primer with TPO membrane.

Typical Physical Properties		
Grade	Self - Leveling	
Viscosity Part A	65,000 cp +/- 15,000 cp	Brookfield RVF TD spindle, 10 RPM 73°F (23°C)
Viscosity Part B	1,500 cp +/- 1,000 cp	Brookfield RVF TD spindle, 4 RPM 73°F (23°C)
Density Part A	8.3 +/- 0.2 lbs per gallon	ASTM D1475
Density Part B	9.2 +/- 0.2 lbs per gallon	ASTM D1475
Hardness Shore A	41 - 51	ASTM C661
Elongation at Break	75 - 100%	ASTM D412
Tensile Strength	126 psi	ASTM D412
Low Temp. Flex	Pass 1/4 inch mandrel -10°F (-23°C)	ASTM D-816
Pot Life	90 +/- 45 min @ 70°F (21°C)	
Shrinkage	No visible shrinkage after 14 days	

All properties described in this document are derived from testing conducted in laboratory conditions. Properties and performance will vary depending on environmental conditions and application technique. Test and evaluate to determine appropriate usage. Visit www.chemlink.com for the Safety Data Sheet, Technical Data Guides and full warranty for this product.

LIMITED WARRANTY: **CHEM LINK** warrants this product's performance, provided it is properly stored and applied within 1 year.

If this **CHEM LINK** material is proved to be defective, return remaining product and purchase receipt for refund or replacement of product exclusive of labor or cost of labor. This is the sole and exclusive remedy for defects or failure of this product. User must read and follow the direction of the current Technical Data Guide and SDS prior to product use. User determines suitability of product for intended use and assumes all risks. Manufacturer shall not be liable for damages (including consequential or incidental damages) in excess of the purchase price, except where such exclusion or limitation is prohibited by state law. THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, WRITTEN OR ORAL, STATUTORY, EXPRESS OR IMPLIED INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE; except for the above express warranty given by manufacturer, the product is sold with all faults. **CHEM LINK** SHALL NOT BE RESPONSIBLE FOR THE USE OF THIS PRODUCT IN A MANNER TO INFRINGE ON ANY PATENT OR ANY OTHER INTELLECTUAL PROPERTY RIGHTS HELD BY OTHERS. This warranty gives you specific legal rights, and you may also have other rights in the U.S. which vary from state to state. For warranty claim information, call 800-826-1681.

