



TECHNICAL DATA SHEET

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PERMANENT SEALER CLEAR HIGH VISCOSITY

DESCRIPTION: Permanent Sealer Clear High Viscosity is a single component, high-performance polymer-based sealant for use in a wide variety of roofing, window, door, siding, trim architectural metal, automotive, manufacturing and general construction applications.

PRODUCT BENEFITS:

- Will not crack
- Exceptional elongation and flexibility
- Superior ultraviolet resistance
- Paintable
- Easily applied, non-stringing formulation
- Mildew Proof
- Asphalt compatible
- Excellent adhesion to most building surfaces, even when damp
- Resealable, may be applied over itself
- No dirt pickup
- Tools and cleans up easily

SUGGESTED USES: Permanent Sealer Clear High Viscosity can be used in most non-traffic bearing joints, including those where structural movement or stress is expected. It will adhere to brick, concrete, stone, metals, glass, treated and untreated wood, asphaltic materials, and many types of vinyl. This ultra violet stable material is paintable and can be resealed to itself.

LIMITATIONS: Not recommended for traffic-bearing surfaces, extruded polystyrene insulating sheathing (Styrofoam, etc.), acrylic skylight glazing surfaces, or areas where food is processed or stored, unless sealant is cured until solvent dissipates.

INSTALLATION:

Joint Design: For optimum results, joints should be a minimum of 4 times greater than anticipated movement. Minimum recommended joint size is 1/4" x 1/4". Maximum joint size should be 1/2" width by 3/8" depth.

Surface Preparation: Joints should be basically clean and surface dry, although dampness from dew will not interfere with adhesion. Do not use Xylol or MEK to clean joints or to remove surface coatings, unless surface can be allowed to dry before application of sealant. If the joint is wet with solvent, the sealant will not adhere properly. Use of a dry rag or brush to remove dust, dirt or other contaminants is recommended. Contamination from curing agents and form releases should be avoided.

Joint Backing: Joint depth should not exceed 3/8". An open cell backer rod should be used to control joint depth. In shallow joints, a bond breaker tape should be installed to prevent three-point contact.

Service Temperature:
-40° F to 180° F

Application Temperature:
-0° F to 140° F

Method of Application: Apply with conventional caulking equipment, filling joint completely. When temperature is below 40° F, application will be easier if sealant is warmed. When temperature of surface to be sealed exceeds 140° F, do not apply sealant until surface cools. A soap solution or a solvent such as Xylol may be used as a lubricant for tooling. Do not allow tooling agents to contaminate open joints.

Cleaning: Remove Permanent Sealer Clear High Viscosity from gun and tools before it cures. This may be done by scraping and use of solvents such as MEK (lacquer thinner), Xylol, or Toluol. Cured materials may be removed by cutting with sharp tools. Observe manufacturer's precautions when using toxic or flammable solvents.

STORAGE LIFE: One Year

Precautions: Apply with adequate ventilation. Avoid eye contact. As supplied, product may be harmful or fatal if swallowed; do not induce vomiting, contact a physician immediately. Although the solvent blend is considered mild, some people may experience sensitivity to it. Refer to Material Safety Data Sheet for more detailed information.

TYPICAL PROPERTIES

● Viscosity	800 M cps	Brookfield RVT-F Spindle Helipath stand (100 sec., 77° F)
● Extrusion	2 sec.	ASTM C 603-90
● Elongation (Peak)	870%	ASTM D 412
● Elongation (Peak) after 500 hours QUV	1093%	ASTM D 412
● Tensile Strength (Peak)	500 PSI	ASTM D 412
● Cyclic Movement	± 25%	ASTM C 719
● Adhesion		
Aluminum	19 P.L.I.	
Mortar	12 P.L.I.	
Glass	20 P.L.I.	
Wood	17 P.L.I.	
Vinyl	12P.L.I.	
● % Solids	62.5	
● Tack Free	45 Minutes	
● Cure (1/4" x 1/4" bead)	4 Days	

All statements, technical information and recommendations contained herein are based on tests believed to be reliable, but the accuracy or completeness thereof is not guaranteed, and the following is made in lieu of all warranties expressed or implied.

Seller's and manufacturer's only obligation shall be to replace such quantity of the product proved to be defective. Neither seller nor manufacturer shall be liable for any injury, loss or damage, direct or consequential, arising out of the use of, or the inability to use the product. Before using, user shall determine the suitability of the product for their intended use and user assumes all risk and liability whatsoever in connection therewith.

The foregoing may not be changed except by an agreement signed by officers of seller or manufacturer.