



TMS EXTREME HOLD ADHESIVE AND SEALANT

Specification Data Sheet

Product Name

Trademark Soundproofing Extreme Hold Adhesive and Sealant
Hybrid Polymer Sealant and Adhesive

Product Description

TMS Extreme Hold is the evolution of high performance sealants - a state-of-the-art hybrid polymer chemistry designed to withstand severe climate, weathering, and environmental conditions. TMS Extreme Hold is the ideal sealant for roofing, siding, and other construction & industrial applications.

TMS Extreme Hold adheres to a wide variety of substrates including EPDM rubber roofing, aluminum, Kynar coated metals, PVC, vinyl, steel, glass, marble, brick, concrete, wood, and many plastics.

Applications

- Expansion joints
- Commercial glass, windows, window manufacturing, and perimeter edge sealing
- Residential and commercial roofing applications
- Residential windows, doors, and siding
- RV, trailers, and specialty vehicle manufacture and repair
- Foundational waterproofing
- Radon sealant

Advantages

- Application temperatures as low as 30°F
- Can be applied to wet surfaces
- UV stable
- Fast cure limits dirt pick-up
- Paintable
- Solvent free, VOC compliant

Limitations

- Not for use in structural glazing applications
- Not for use in applications below water line, or applications experiencing continuous submersion
- Not for use for sealing/bonding windshields





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Technical Data

Typical Uncured Properties
Chemistry: Silicone Hybrid
Cure Type: Moisture
Uncured State: Glossy Paste
Tooling Time: 20 minutes at 77°F + 50% relative humidity
Tack-Free Time: 40 minutes at 77°F at 50% relative humidity
Full Cure Time: Approximately 24 hours per 1/8"
Application Temperature: 30°F - 140°F
VOC: 18 g/l
Shelf Life: 1 year

Typical Cured Properties
Cured State: Rubbery solid
Temperature Range: -75°F to 220°F (intermittent exposure up to 250°F)
Tensile Strength: 225psi
Elongation: 450% - 500%
Durometer Shore A: 46
Joint Movement Capabilities: +/- 25%
Color: White

Applicable Standards and Specifications

ASTM-C920 Type S, Grade NS, Class 25, Use NT, A, M, G Performance Criteria
ASTM-G26 Performance Criteria
Federal Spec TT-S-00230C
USDA Approved
AAMA 808.3, 805.2, 803.3 (Type I) , 802.3 (Type II) Compliant

Low VOC Standards:

V.O.C. Contents: 23.3 g/l





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Installation - Surface Preparation

Surfaces should be clean of any debris or material that may prevent or deter adhesion. Such debris include, but not limited to: dirt, frost, loose particles, existing sealants, grease, oils, rust, etc.

Installation - Application

1. Clean debris and dry desired area.
2. Cut tube nozzle to desired angle and thickness. Pierce inner foil seal. Place into standard caulking gun.
3. Hold at 45° angle and apply by pushing sealant ahead of nozzle to achieve a smooth seal.
4. For a neat appearance, smooth sealant with a wet finger or tooling device. Complete tooling within 20 minutes.
5. Allow a minimum 2 hour cure time before painting with latex or oil based paints. Length of time for full cure is dependent upon thickness of application and additional factors such as temperature and humidity.

Cleanup

Excess caulk should be cleaned off tools and nonporous surfaces while it is in the uncured state using a dry cloth or paper towels. Excessive amounts may require the use of a solvent such as acetone or mineral spirits. After curing, excess sealant must be cut or scraped away.

Maintenance

Inspect sealant joint at a minimum of every five years. If sealant or bond of sealant is damaged, completely remove or cut away sealant in damaged area, clean surface, and reapply sealant.

Warranty

Trademark Soundproofing (TMS) warrants this product's performance provided it is properly stored and applied within 2 years. If when applied as directed this material proves to be defective, return remaining product and proof of purchase for refund or replacement of product exclusive of labor or cost of labor. This is the sole and exclusive remedy for defects of product failure. The determination of eligibility for this warranty shall be made at the sole discretion of TMS and any decision made shall be final. This warranty is in lieu of any and all other warranties, expressed or implied, including but not limited to a warranty of merchantability or fitness for a particular purpose and in no instance will TMS be liable for damages in excess of the purchase price, except where such exclusion or limitation is prohibited by state law. User must read and follow the directions of the current Technical Data Guide and SDS prior to product use. User determines suitability of product intended for use and assumes all risks. Recommendations for the use of this product are based on tests we believe to be reliable. Manufacturer and seller are not responsible for results where product is used under conditions not in strict accordance with our published recommendations and in applications considered suitable for this product. TMS shall not be responsible for the use of this product in a manner to infringe upon any patent or any other intellectual property rights held by others.

Cautions



DANGER: CAUSES SERIOUS EYE AND SKIN IRRITATION. MAY CAUSE RESPIRATORY IRRITATION. MAY CAUSE ALLERGIC SKIN REACTION, DAMAGE TO ORGANS, AND CANCER THROUGH PROLONGED OR REPEATED EXPOSURE. Wear protective gloves. Wear eye or face protection. Use only outdoors or in a well ventilated area. Avoid breathing dust. Wash hands thoroughly

after handling. IF INHALED: Remove person to fresh air. IF ON SKIN: Wash with soap and water. Remove contaminated clothing, washing before reuse. If skin irritation occurs: Get medical attention. IF IN EYES: Rinse cautiously with water. Remove contact lenses if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention. IF INGESTED: Wash mouth with water. Remove victim to fresh air. Give small quantities of water to drink. Do not induce vomiting. Store locked up. Dispose of contents in accordance with all local, regional, national, and international regulations.



WARNING: This product can expose you to Titanium dioxide, which is known to the State of California to cause cancer. For more information, go to www.965Warnings.com.