

Polyshim™ II Tape

Product Description

POLYshim II Tape is a 100% solids, highly adhesive and elastic, cross linked butyl preformed tape with a continuous integral EPDM shim.

Basic Uses

POLYshim II Tape is used in compression glazing systems wherever the design calls for high performance glazing of curtain wall, unitized curtain walls, punched and ribbon window systems and sloped glazing applications.

Applicable Standards

POLYshim II Tape meets the requirements of AAMA 800-92 specifications 804.3, 806.3 and 807.3.

Packaging

Supplied in rolls of the following standard thicknesses and face clearances:

Thickness of tape	Face Clearance (Shim Diameter)
.150" (3.81mm)	1/8" Diameter (3.18mm)
.215" (5.46mm)	3/16" Diameter (4.78mm)
.280" (7.11mm)	1/4" Diameter (6.35mm)
.090" (2.29mm)	1/16" Diameter (1.59mm)
.125 (3.18mm)	1/16" Diameter (1.59mm)

Tolerances

Tape width: $\pm 0.8\text{mm}$ ($\pm 1/32"$)
Tape Thickness: $+0.4\text{mm}$, -0 ($+1/64"$, -0)

Installation

Tape should be installed in four separate lengths, each cut to an appropriate length for each side of the opening. Tape lengths should butt together, not overlap at the corners. A 6" (152mm) toe bead of compatible sealant is required at each corner to minimize the potential for water infiltration.

Please review Tremco "Glazing Tape Installation Instructions" for detailed information on selection and installation of tape.

Technical Services

Your local Tremco Field Representative, in conjunction with Tremco Technical Services personnel, offer a unique problem solving capability. This includes assistance through the specification and detail design development stages as well as on-site application instructions and inspection when requested. Their services are fully supported by the Tremco Research & Development Center which has earned a unique reputation for expertise in sealant technology. From concept through project completion, your Tremco Field Representative is available for your assistance.

TYPICAL PHYSICAL PROPERTIES

Base Polymer	Cross linked butyl rubber
Solids Content	100% by weight
Color	Available in Black/Bronze
Hardness	57 Durometer Shore "00"
Temperature Range	Service: -54°C (-65°F) to 93°C (200°F) Application: -7°C ($+20^{\circ}\text{F}$) to 49°C (120°F)
Shelf Life	1 Year normal storage condition below 27°C (80°F)
Heat Resistance	Excellent resistance to heat, cold and sun; no sagging and weeping or staining after 2 months @ 93°C (200°F), -29°C (-20°F) and then to ultraviolet.
Aging	Excellent adhesion after 1000 hours exposure in accelerated weatherometer, cycling test unit.

NOTE: The foregoing information is published as general information only. The listed properties and performance characteristics are approximate values and are not part of the product specification.

Limitations

Not for use in joints subjected to continuous water immersion or temperatures exceeding 93°C (200°F). Although generally compatible with most sealants, a compatibility test should be requested when used in conjunction with sealants other than Tremco sealants.

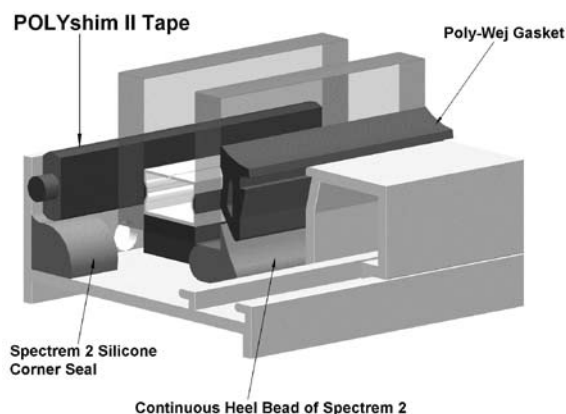
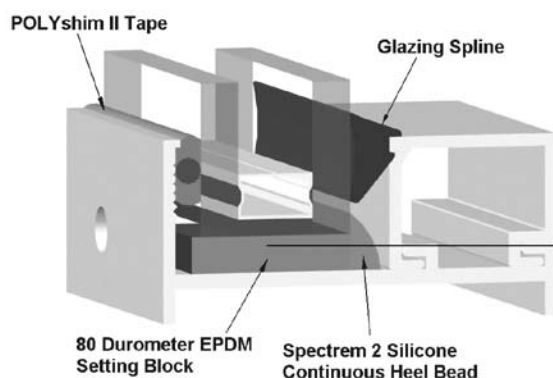
Do not compression glaze glass with POLYshim II Tape having less than 3mm (1/8") shim.

Warranty

Tremco warrants their products to be free of defects. Under this warranty, Tremco will provide, at no charge, products in containers to replace any product proven to be defective when applied, tested and cured (if applicable), in accordance with Tremco's written instructions, standards and applications recommended by us as suitable for this product.

User shall determine suitability of the product for their intended use and assume all risk and liability therewith. Seller shall not be liable for any injury, loss or damage, direct or consequential, arising out of the use of the product.

All claims concerning product defects must be made within 12 months of shipment. Absence of such claims in writing, during this period, will constitute a waiver of all claims with respect to such product. This warranty is the user's sole remedy and is IN LIEU OF any and all other warranties expressed or implied, including but not limited to, any implied warranty of MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.



Tremco Commercial Sealants & Waterproofing

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