

Tremco® 440 Tape

Product Description

Tremco 440 Tape is a 100% solid Polyisobutylene cross-linked butyl, preformed sealant.

Basic Uses

Tremco 440 Tape is used for non-compression glazing of vision lites and spandrel panels in PVC metal and wood frames, in low rise building construction.

Tremco 440 Tape is also used for lap sealing between panels such as steel, aluminum and porcelain as well as a variety of other joints subject to shear between similar and dissimilar materials.

Tolerances

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

Applicable Standards

Tremco 440 Tape meets the requirements of AAMA 800-92 specifications 804.3 and 807.3.

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" (150 mm) 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.

Limitations

Not for use in joints subjected to continuous water immersion or temperatures exceeding 70°C (158°F). Although generally compatible with most sealants, a compatibility test should be requested from the sealant manufacturer when used in conjunction with sealants other than Tremco sealants.

Not for use with lites of glass over 1905mm (75 united inches), as the size of the lites approaches 1905mm (75 united inches), 1270 mm (50 inches) in height or .743 to .929 sq. meters (8 to 10 sq. ft.) in area, a higher performance glazing system should be considered, such as the use of POLYshim™ II Tape. Contact your local Tremco Field Representative for guidance.

TYPICAL PHYSICAL PROPERTIES

Base Polymer	Polyisobutylene cross-linked butyl
Solids Content	100% by weight
Color	Available in Aluminum and Black
Density	1.50 \pm 0.05 grams/cc.
Hardness	65 Durometer Shore "00"
Weathering	Unaffected by Ultraviolet through glass. Remains flexible at low temperatures.
Temperature Range	Service: -40°C (-40°F) to 70°C (158°F) Application: -7°C (+20°F) to 49°C (120°F)
Shelf Life	Over 1 Year normal storage condition below 27°C (80°F)
Heat Resistance	No bubbling, cracking or loss of adhesion from substrate after 2 months of exposure @ 70°C (158°F) and 14 days @ 105°C (220°F)
Aging	No bubbling or cracking with excellent adhesion to substrate after 1500 hours exposure Xenon Arc weatherometer as per ASTM G 26 with a Wet/Dry cycle of 102/18 min.

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.

Warranty

Tremco warrants their products to be free of defects. Under this warranty Tremco will provide, at no charge, product 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 Tremco 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.

