

Product Description

EnerSEAL® 332 is a butyl-based hot melt sealant, especially formulated for single and double barriers for insulating glass.

Basic Uses

EnerSEAL® 332 has excellent adhesion to glass, common foam spacer moisture barrier films, aluminum and galvanized steel spacers.

Features and Benefits

- Fast setting for immediate handling and timely glazing of insulating glass units
- Very low water vapor permeability for long life and extended fill-gas retention
- Excellent adhesion to glass, aluminum, galvanized steel and common foam spacer moisture barrier films
- Single component, no mixing required
- User friendly
- No waste upon application
- Solvent free
- Suitable with both manual gunning and automatic application technologies
- Neat corner manufacturing

Availability

Immediately available from your local Tremco Sales Representative, Tremco Distributor, or Tremco Warehouse.

Packaging

48-gal (182-L) drums: Black

Colors

Black

Shelf Life

18 months

Limitations

- Be sure that units fabricated with EnerSEAL 332 are glazed in accordance with industry glazing guidelines such as IGMA's TM-3000

- Never apply to wet or contaminated surfaces - glass and spacer bonding surfaces should be clean and dry prior to sealant application
- Never dispense and apply in confined areas, without adequate ventilation
- Always use in application fill depths sufficient for customer's intended performance life-In no cases should design fill depth be < 3/16" nominal
- Coated glass may require edge deletion, so consult your glass supplier for their recommendations

Applicable Standards

- Conforms to CGSB 12.8
- Conforms to ASTM 2190

Application

EnerSEAL 332 can be processed on any standard HOT MELT extrusion machine currently used in the insulating glass industry. The product must be applied on a clean and dry substrate. The product must completely fill the sealing gap down to the spacer bar (no air pockets). Care should be taken on sealing each corner and sealant should be pressed together while still molten by means of an ENAPAD2 502 troweling pad, to prevent any gaps or holes in sealant at corners, which can lead to premature unit failure. In case of a single seal IG unit glass/ spacer bar assembly must be tightly maintained (clips, clamping table) during EnerSEAL 332 application. The minimum thickness required of the sealing joint is > 4.76 mm. Recommended extrusion temperature: + 347°F (175°C) to + 365°F (185°C). It is important that sealant is applied within recommended temperature range, so it is advisable that application temperature be checked daily with a digital thermometer at gun nozzle while gunning sealant.

Warranty

Tremco warrants its Products to be free of defects in materials, but makes no warranty as to appearance or color. Since methods of application and on-site conditions are beyond our control and can affect performance, Tremco makes no other warranty, expressed or implied including warranties of MERCHANTABILITY and FITNESS FOR A PARTICULAR PURPOSE, with respect to Tremco Products. Tremco's sole obligation shall be, at its option, to replace, or refund the purchase price of the quantity of Tremco Products proven to be defective and Tremco shall not be liable for any loss or damage.

Please refer to our website at www.tremcosealants.com for the most up-to-date Product Data Sheets.

NOTE: All Tremco Safety Data Sheets (SDS) are in alignment with the Globally Harmonized System of Classification and Labelling of Chemicals (GHS) requirements.

EnerSEAL®332
Hot Melt Butyl Outer Sealant

PROPERTY	TEST METHOD	TYPICAL VALUES
Specific Gravity	ISO 1183	1.28
Volatile Content	EN 1279-6 G	< 0.2%
Moisture Vapor Transmission	EN 1279-4 C	< 0.1 g/(m ² .24h.2mm)
Application Temperature		+356°F (180°C) min. to + 365°F (185°C).
Shelf Life & Storage		18 months in its closed packaging, at temperature between + 5°C and + 25°C, protect from weathering

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Tremco Commercial Sealants & Waterproofing

3735 Green Rd
Beachwood OH 44122
216.292.5000 / 800.321.7906

1451 Jacobson Ave
Ashland OH 44805
419.289.2050 / 800.321.6357

220 Wichsteed Ave
Toronto ON M4H1G7
416.421.3300 / 800.363.3213

1445 Rue de Coulomb
Boucherville QC J4B 7L8
514.521.9555