Proglaze® ETA - Connections

Product Description

Proglaze® ETA Connections are pre-engineered silicone materials used as a transition assembly between the window or wall system and adjacent air and vapor barrier materials.

The assembly is comprised of a flat single or double ribbed silicone extrusion of varying widths, which is adhered to the building façade with Spectrem® 1 Silicone Sealant to ensure a durable connection and positive seal.

The opposite edge of the ribbed silicone extrusion will span unsupported onto the wall and/or window system, which is adhered with Spectrem 1 Silicone Sealant. This connection will provide a long-term durable flexible connection between the two components.

Proglaze ETA Connection Profiles:

Basic Uses

Proglaze ETA Connections are a transition assembly for bridging continuously between the window and/or curtain wall and the adjacent air and vapor barrier materials. The system is designed to absorb thermal movement and wind-loading stresses.

The Proglaze ETA Connection has a thin cross-section and low durometer which allows the material to span and seal across irregular window geometries. The translucent silicone material allows the installer and/or inspector to see through the gasket to verify the recommended amount of sealant is properly applied to ensure an effective seal is achieved, while the ribs of the gasket's design ensures a minimum sealant thickness.

The assembly is fully compatible with most window sealants and glazing materials and bonds to the polyethylene face of ExoAir® 110/111 and ExoAir TWF and to the cured surface of ExoAir 220 and ExoAir 230. Not intended as a seal to untested substrates.

Features and Benefits

- Single Ribbed extrusions are available in the following widths: 2", 3", 4", 6", 8".
- Double Ribbed extrusions are available in the following widths: 4", 6", 8". Some widths of the Single Ribbed extrusions are standard sizes. Double Ribbed extrusions are made-to-order. Custom sizes are also available. Contact Tremco's Ashland Customer Service group for more information and for pricing.

Availability

Please contact our Customer Service Department in Beachwood, Ohio at 800-321-7906, or Toronto at 800-363-3213.

Colors

Translucent. Custom colors are available.

Limitations

- Not intended to be utilized in a permanently exposed condition unless approved by Tremco.
- Not intended as a seal to untested substrates.

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.

TYPICAL PHYSICAL PROPERTIES

PROPERTY	TEST METHOD	TYPICAL RESULTS
Color		Translucent. Custom colors are available.
Flame Spread	ASTM E84	15
Smoke Development	ASTM E84	300
Hardness, Type "A" Durometer	ASTM D2240	43
Compression Set	ASTM D395	22 hr at 212°F (100°C). 14.5%
Ozone Resistance	ASTM D1149	300 mPa, 100 hr at 158°F (70°C) 20% elongation. No Cracks.
Tensile Strength	ASTM D412	1130 psi (7.8 mPa)
Ultimate Elongation	ASTM D412	550%
Tear Strength	ASTM D624	114 lb/in (19.9kN/m)
Low Temp. Flexibility	ASTM D746	-40°F (-40°C). Pass

System Assembly

Sill condition showing Extruded Silicone Double Ribbed ETA Connection attached at the sill and corners with Spectrem 1 Silicone Sealant. The Ribbed Silicone Sheet is folded into the glazing pocket and at the corners it is folded and mechanically fastened under the pressure plate.

Window is positioned and anchored on top of Extruded Silicone Single Ribbed ETA Connection, which has been wrapped around the rough opening.

The Silicone Ribbed Extrusion is folded and sealed into the glazing pocket. Mechanical fasteners are used to hold the folded corner and are sealed over with Spectrem 1 Silicone Sealant.

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