
PRODUCT DESCRIPTION

Proglaze® ETA System 4 consists of pre-engineered silicone materials designed for use as a transition assembly between a window or wall system and the adjacent air and vapor barrier materials. The assembly utilizes single and double ribbed silicone extrusions of varying widths that do not require an Extruded Aluminum Adapter or molded frame raceway. This allows the silicone extrusions to be used in varying and complex geometries.

Proglaze ETA System 4 is used between the window and wall to create an air and water tight barrier. The silicone extrusions are intentionally adhered to the building façade and window systems with Spectrem® 1 Silicone Sealant to provide a long-term durable and flexible connection between the two components.

BASIC USES

Proglaze ETA is a transition assembly for bridging continuously between window and/or curtain wall openings and the adjacent air and vapor barrier materials to prevent air and water infiltration. Proglaze ETA System 4 utilizes single and double ribbed silicone extrusions of varying widths without darts and single ribbed silicone extrusions with double darts to maximize adaptability for complex geometries.

Proglaze ETA is designed to absorb both thermal movement and wind-loading stresses making it the superior choice for dynamic, seismic, and deflection joints. Additionally, the thin cross-section and low durometer of Proglaze ETA allows the system to efficiently span and seal across irregular window geometries.

FEATURES & BENEFITS

Proglaze ETA spans and seals complex connections and transitions within the building envelope to prevent air and moisture infiltration. By preventing leaks, it ensures the longevity of structural components while improving indoor air quality, energy efficiency of the building, and reducing maintenance requirements.

- Easy to apply, saving time and labor
- 20-year warranty when used as directed

The translucent silicone in Proglaze ETA allows the installer and inspector to see through the gasket to verify that the recommended amount of sealant is properly applied to the surface. This allows the confirmation that an effective seal has been achieved. At the same time, the ribs included in the gasket's design are able to ensure a minimum sealant thickness. The option for ribs on both surfaces, allow the profile to be rotated into any position, to prevent compressing the silicone sealant to a thin film at the bond surface. Proglaze ETA is easily trimmed to fit around projections, while allowing easy lap joints at connections.

- Absorbs thermal movement
- Absorbs wind-loading stresses
- Spans and seals irregular window geometries

Proglaze ETA is compatible with and recommended for use with all Tremco ExoAir® Air Barrier products. Spectrem 1 is the recommended accessory sealant due to its exceptional performance when used on the polyethylene face of ExoAir 110, ExoAir 110AT, and the cure surface of ExoAir 120, ExoAir 130, ExoAir 220, ExoAir 230, and Securock ExoAir 430.

- Fully compatible with most window sealants and glazing materials
- Dedicated design engineering and support team, at Tremco, available for new or unique situations

The Greenguard Gold certification on Proglaze ETA ensures safety for use in the most sensitive indoor environments including hospitals and schools.

AVAILABILITY

Available as part of project specific order. Single Ribbed extrusions are available in 2", 3", 4", 6", 8", and 9.5" (50.8, 76.2, 101.6, 152.4, 203.2, 241.3 mm) widths. Double Ribbed extrusions are available in 4", 6", and 8" (101.6, 152.4, 203.2 mm) widths. Custom sizes are available upon request. Please contact your local Tremco Sales Representative or Tremco Technical Services for assistance. Lead times, MOQs, and costs will vary based on the request.

COLORS

Available as a colorless/translucent material.

LIMITATIONS

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

WARRANTY

A repair or replacement warranty is available on all Tremco products. Visit <https://www.tremcosealants.com/warranties/> for details.

TYPICAL PHYSICAL PROPERTIES

PROPERTY	TEST METHOD	TYPICAL RESULTS
Flame Spread	ASTM E84	15
Smoke Development	ASTM E84	300
Hardness (Shore A)	ASTM D2240	43
Compression Set	ASTM D395, 22 hrs @ 212 °F (100 °C)	14.5%
Ozone Resistance	ASTM D1149, 100 hrs @ 158 °F (70 °C) & 20% elongation	300 mPa, no cracks
Tensile Strength	ASTM D412	1,130 psi (7.8 mPa)
Ultimate Elongation	ASTM D412	550%
Tear Strength	ASTM D624	114 lbf/in (19.9 kN/m)
Low Temperature Flexibility	ASTM D746, -40 °F (-40 °C)	Pass

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.

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Tremco Construction Products Group (CPG) brings together Tremco CPG Inc. and its Dryvit and Nudura brands; Willseal; Prebuck LLC; Tremco Barrier Solutions, Inc.; Weatherproofing Technologies, Inc. and its Pure Air Control Services and Canam Building Envelope Specialists offerings; and Weatherproofing Technologies Canada, Inc.



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