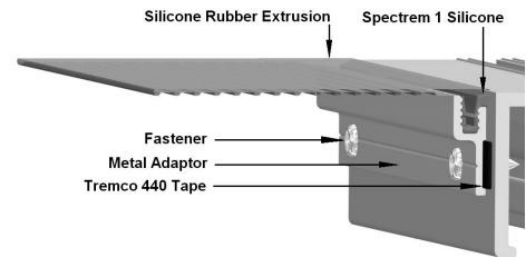


## PRODUCT DESCRIPTION

Proglaze® ETA System 1 consists of pre-engineered silicone materials and an alodine finished aluminum race, designed for use as a transition assembly between a window or wall system and the adjacent air and vapor barrier materials. The system assembly is mechanically attached to the window and/or curtain wall's structural framing to ensure a durable connection and seal. Proglaze ETA System 1 is comprised of the following components:

- **Silicone Rubber Extrusion:** Extruded, 40 durometer, translucent silicone sheet, with a lock-in dart. Available packaged in coils with standard widths of 3" (76.2 mm), 4" (101.6 mm), 6" (152.5 mm), and 8" (203.2 mm); 50 linear feet in length.
- **Silicone Rubber Corners:** Pre-molded, 40 durometer, translucent silicone corners, with a lock-in dart. Dart is off-set 1.5" (38.1 mm) to allow a lap joint to be made with the Silicone Rubber Extrusion. Available in mating 4" and 6" lengths.
- **Extruded Aluminum Adaptor:** Alodine finished with pre-engineered aluminum race for engaging darts of silicone Proglaze ETA components. The Extruded Aluminum Adaptor is supplied in 5 ft (1.5 m) lengths with pre-applied Tremco 440 Tape and predrilled holes every 6" on center.
- **Tremco 440 Tape:** 100% solid polyisobutylene cross-linked butyl preformed sealant. Used to temporarily hold the Extruded Aluminum Adaptor in position before mechanical fasteners are installed and to act as the secondary air and water seal. Pre-applied to the metal adaptor. Additional physical property information can be found on the Tremco 440 Tape data sheet.
- **Spectrem® 1 Silicone Sealant:** High movement, ultra-low modulus, moisture-curing silicone sealant. Used as a high-performance, compatible adhesive and wet seal. Additional physical property information can be found on the Tremco Spectrem 1 data sheet.



## 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 1 is a standard design, with dart, for flush windows, that is mechanically attached to the window and/or curtain wall's structural framing to ensure a durable connection and seal.

## 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

Proglaze ETA System 1 has been tested as a component of several wall assemblies meeting ASTM E2357, the Standard Test Method for Determining Air Leakage of Air Barrier Assemblies, and NFPA 285, the Standard Fire Test Method for Evaluation of Fire Propagation Characteristics of Exterior Non-Load-Bearing Wall Assemblies Containing Combustible Components.

- 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.

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## AVAILABILITY

Available as part of project specific order. Contact Tremco Customer Service for more information.

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## COLORS

Available as a colorless/translucent material.

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## LIMITATIONS

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

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## WARRANTY

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

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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## 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 lb <sub>f</sub> /in (19.9 kN/m)
Low Temperature Flexibility	ASTM D746, -40 °F (-40 °C)	Pass

Please refer to our website at [www.tremcosealants.com](http://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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