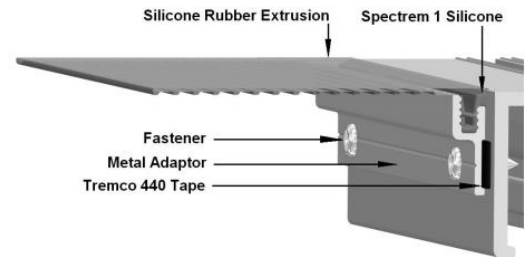


## PRODUCT DESCRIPTION

Proglaze® ETA System 1 is a patent-protected system comprised 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, with a lock-in dart. The Silicone Rubber Extrusion is available in 3" (76.2 mm), 4" (101.6 mm), and 6" (152.5 mm) widths; packaged in 50 linear feet coils. Additional physical property information can be found on the Tremco Silicone Extruded Sheet data sheet.
- **Silicone Rubber Corners:** Pre-molded, 40 durometer, translucent silicone, with a lock-in dart. Dart is off-set 1.5" to allow a lap joint to be made with the Silicone Rubber Extrusion. Silicone Rubber Corners are 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' 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. The system's design absorbs both thermal movement and wind-loading stresses. 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

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.

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

Spectrem 1 is included in Proglaze ETA System 1 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, and ExoAir 230.

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.

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. Contact Tremco Customer Service for more information.

## COLORS

Available as a translucent material. Custom colors are available upon request. Contact Tremco Customer Service for more information.

## 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 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.

PGETA1DS/0223

US Patent:  
No. 8096088 B2  
  
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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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