

Product Description

Tremflex® 834 is a pure acrylic latex sealant formulated to provide a fast-setting pliable seal with minimal shrinkage.

Basic Uses

Tremflex 834 can be used for general purpose interior and exterior caulking and as a back-bedding glazing compound. It is also highly recommended as an acoustical seal in the construction of interior walls, ceilings and floors. It is suitable for use on vinyl, aluminum and wood siding as well as on bathroom and kitchen fixtures.

Features and Benefits

- Tremflex 834 is an easy gunning, non-staining, general purpose sealant formulated from the highest quality acrylic polymer to offer exceptional flexibility and workability for any commercial construction acrylic sealant application.
- It can be used indoors or outdoors and is tack-free in 15 min and ready to paint in 30 to 45 min with latex or oil-based paint.
- It also has been tested for acoustical properties to reduce sound transmissions when constructing partition walls.
- Class A Building Material

Availability

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

Coverage Rates

308' of joint per gal for a 1/4" x 1/4" (6 mm x 6 mm) joint. For specific coverage rates that include joint size, and usage efficiencies, visit our website usage calculator at www.tremcosealants.com

Packaging

10.1-oz (300-mL) cartridges

20-oz. (600-mL) sausages

5-gal (18.9-L) pails

Colors

Clear, Limestone, White

Storage

Store Tremflex 834 in original, undamaged packaging in a clean, dry, protected location with temperatures between 40 to 110 °F (5 to 43 °C).

Limitations

- Do not apply Tremflex 834 to damp or contaminated surfaces.
- Always utilize the sealant's MSDS found on our website at www.tremcosealants.com for information on proper ventilation, Personal Protective Equipment (PPE) and other health concerns.
- Keep product from freezing.
- Although Tremflex 834 is paintable, this does not imply adhesion to and compatibility with all paints. Please refer to Tremco Technical Bulletin No. S-09-05 for more information.

Substrate Preparation

Surfaces must be sound, clean, and dry. All release agents, existing waterproofing, dust, loose mortar, laitance, paints, or other finishes must be removed. This can be accomplished with a thorough wire brushing, grinding, sandblasting, or solvent washing, depending on the contamination.

Tremco recommends that surface temperatures be 40 °F (5 °C) or above at the time the sealant is applied. If sealant must be applied in temperatures below 40 °F, please refer to the Tremco Guide for Applying Sealants in Cold Weather that can be found on our website at www.tremcosealants.com.

Applicable Standards

- Tremflex 834 meets or exceeds the requirements of the following specifications:
- ASTM C834, Type OP, Grade -18 °C
- CAN/CGSB 19-GP-17M

Application

Apply Tremflex 834 with conventional caulking equipment filling the joint from the bottom first.

Immediately tool the sealant with a spatula to ensure intimate contact with the joint walls. Dry tooling is preferred, although water can be used in limited amounts to slick the spatula if needed.

For window and door perimeter fillet bead applications, a 1/4" (6 mm) minimum surface area is recommended.

Priming

Tremflex 834 adheres to common construction substrates without primers, however, Tremco always recommends that a mock-up or field adhesion test on the actual materials being used on the job be conducted to verify adhesion. The field adhesion test can be found in Appendix X1 of ASTM C1193, Standard Guide for Use of Joint Sealants.

Joint Design

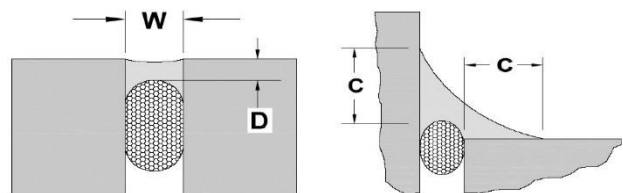
Tremflex 834 may be used in any vertical or horizontal joint designed in accordance with accepted architectural/engineering practices. Joint width should be 4 times anticipated movement, but not less than 1/4" (6.4 mm).

Joint Backing

Closed cell or reticulated polyethylene backer rod is recommended as joint backing to control sealant depth and to ensure intimate contact of sealant with joint walls when tooling. Where depth of joint will prevent the use of backer rod, an adhesive backed polyethylene tape (bond breaker tape) should be used to prevent three-sided adhesion. All backing should be dry at time of sealant application.

Sealant Dimensions

W = Sealant width, D = Sealant depth, C = Contact area.



Expansion Joints- The minimum width and depth of any sealant application should be 1/4" x 1/4" (6 mm x 6 mm).

The depth (D) of sealant may be equal to the width (W) of joints that are less than 1/2" wide. For joints ranging from 1/2" to 1" (13 mm to 25 mm) wide, the sealant should be approximately one-half of the joint width.

The maximum depth (D) of any sealant should be 1/2" (13 mm). For joints that are wider than 1" (25 mm), contact Tremco Technical Services or your local Tremco Sales Representative.

Tremflex® 834
Siliconized Acrylic Latex Sealant

Window Perimeter- For fillet beads, or angle beads around windows and doors, the sealant should exhibit a minimum surface contact area [C] of 1/4" (6 mm) onto each substrate, with provisions for release at the heel of the angle using backer rod or bond breaker tape.

Cure Time

At 72 °F (22 °C), 50% RH, Tremflex 834 is tack free in 15 min and dries at a rate of about 1/8" (3 mm) per day but can be painted after only 30 to 45 min with latexes, or oil-based paint. As the temperatures decrease, the dry time of Tremflex 834 will increase. A good rule of thumb is one additional day for every 10 °F (5.5 °C) decrease in temperature.

Clean Up

Excess sealant and smears along the joint interface can be cleaned up or removed with soapy water before the sealant skins. Any utensils used for tooling can also be cleaned with soapy water.

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 VALUES
Type		Single-component Siliconized Acrylic Latex sealant
Color		Clear, Limestone, White
Solids		84%
Specific Gravity		1.58
Application		gun-grade sealant, applied with typical caulking equipment
Extrudability	ASTM C1183	6 g/s
Artificial Weathering	ASTM C732	Pass
Wash-out	ASTM C732	None
Slump	ASTM C732	None
Cracking	ASTM C732	None
Discoloration	ASTM C732	None
Adhesion Loss	ASTM C732	None
Volume Shrinkage	ASTM C1241	22.4% (Type OP) 35.3% (Type C)
Low Temp. Flexibility	ASTM C734	No cracks, no adhesion loss
Extension - Recovery	ASTM C736	93.7%
Extension - Adhesion	ASTM C736	None
Slump	ASTM D2202	2 mm
Stain Index	ASTM D2203	0 mm
Tack-Free Time	ASTM C679	3 hr, 55 min
Movement Capability		±12.5%
Flame Spread	ASTM E84	10
Smoke Development	ASTM E84	0

0318/T834DS-ST

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