

Tremflex® 834

Siliconized Interior Acrylic Latex Sealant

Product Description

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

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 outside, and is tack-free in 15 minutes and ready to paint in 30-45 minutes with latexes or oil-based paint. It also has been tested for acoustical properties to reduce sound transmissions when constructing partition walls.

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 also suitable for use on vinyl, aluminum and wood siding as well as on bathroom and kitchen fixtures.

Colors

Standard: Clear, Limestone, White

Special: Almond Cream, Beige Gray, Black, Cedar, Cream, Eggshell Cream, Independence Gray, Lava, Mortar

Packaging

10.1 oz (300 mL) cartridges, 20 oz. (600 mL) sausages, and 5 gallon (18.9 L) pails.

Availability

Tremflex 834 is immediately available from your local Tremco Sales Representative or Distributor. For Distributor locations, visit www.tremcosealants.com

Coverage Rate

35 linear feet of joint per 10.1 oz (300ml) cartridge for a 1/4" x 1/4" joint. For specific coverage rates that include joint size, and usage efficiencies, visit our website usage calculator at tremcosealants.com

Applicable Standards

Tremflex 834 meets or exceeds the requirements of the following specifications:

- ASTM C-834, Type OP, Grade -18°C
- CAN/CGSB 19-GP-17M

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" (6.4mm).

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.

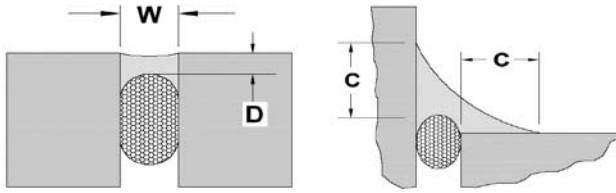
TYPICAL PHYSICAL PROPERTIES

ASTM C834

| | | |
|-----------------------------------|---------------|--------------------------------|
| Extrudability | (ASTM C 1183) | 6 g/s |
| Artificial Weathering | (ASTM C 732) | |
| Wash-out | | None |
| Slump | | None |
| Cracking | | None |
| Discoloration | | None |
| Adhesion Loss | | None |
| Volume Shrinkage | (ASTM C 1241) | 22.4% (Type OP) 35.3% (Type C) |
| Low Temperature Flexibility | (ASTM C 734) | No cracks, No adhesion loss |
| Extension – Recovery and Adhesion | (ASTM C 736) | |
| Recovery | | 93.7% |
| Adhesion Loss | | None |
| Slump | (ASTM D2202) | 2 mm |
| Stain Index | (ASTM D 2203) | 0 mm |
| Tack-free Time | (ASTM D 2377) | 15 min. |
| Tack-free Time | (ASTM C 679) | 3 hours, 55 minutes |
| Movement Capability | | ±12.5% |

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" by 1/4" (6 mm by 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 depth should be approximately one-half of the joint width.

The maximum depth (D) of any sealant application should be 1/2" (13 mm). For joints that are wider than 1" (25 mm) contact Tremco's Technical Service Department, or your local Tremco field representative.

WINDOW PERIMETERS – For fillet beads, or angle beads around windows and doors, the sealant should exhibit a minimum surface contact area (C) of 1/4" onto each substrate.

Surface preparations

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.

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 C 1193, Standard Guide for Use of Joint Sealants.

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 always 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" minimum surface area is recommended.

Dry Time

At 72°F (22°C), 50% R.H., Tremflex 834 is tack free in 15 minutes and dries at a rate of about 1/8" per day but can be painted after only 30 to 45 minutes 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 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.

Limitations

- Do not apply Tremflex 834 to damp or contaminated surfaces.
- Always utilize the accompanying MSDS for information on Personal Protective Equipment (PPE), and health hazards.

Warranty

Tremco warrants its sealants 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 sealants. Tremco's sole obligation shall be, at its option, to replace or refund the purchase of the quantity of Tremco sealant proven to be defective and Tremco shall not be liable for any loss or damage.

