

**TREMCO**

# TREMflex 834

## ONE PART WATERBORNE SILICONIZED ACRYLIC LATEX SEALANT

### Key Benefits Summary

- Non toxic
- Water clean up
- Paintable in 30 to 45 minutes
- May be applied to damp surfaces
- Suitable for up to 18mm joint width
- Excellent UV resistance
- Mildew resistant
- Can maximize sound transmission class (STC) of partition walls

### PRODUCT INFORMATION

#### DESCRIPTION

TREMflex 834 is a one part waterborne siliconized acrylic sealant formulated to give the right balance of hardness and flexibility with excellent UV resistance.

#### USAGE/PURPOSE

- Masonry wall joints and soffits
- Precast concrete panel joints
- Cladding joints/connections
- Timber joints
- Steel joints
- Bathroom and kitchen sealant

#### LIMITATIONS

- Permanent water immersion
- Trafficable floor joints
- Do not apply when rain exposure is expected within 90 minutes of application
- If applied to permanently damp substrates the sealant may require extended curing time or it may be prevented from curing completely - depending on the substrate moisture and humidity conditions

#### COLOURS

- Buff
- White
- Aluminium Stone
- Grey

#### PACKAGING

- 300ml cartridges
- 600ml sausages

#### TECHNICAL INFORMATION

##### COMPOSITION

TREMflex 834 is a waterborne siliconized acrylic sealant.

##### TYPICAL PERFORMANCE

##### CHARACTERISTICS

Test	ASTM C834	
	Requirement	Typical Values
Extrudability	2g/s min.	6 g/s
Artificial Weathering		
Wash-out	none	none
Slump	none	none
Cracking	none	none
Discoloration	as acceptable to purchaser	none
Adhesion Loss	25% max.	none
Volume Shrinkage	30% max.	25.9%
Low temperature flexibility	No cracking or adhesion loss	none
Recovery	75% min.	93.7%
Adhesion loss	25% max.	none
Slump	4mm max.	2mm
Stain index	3 max.	0
Tack-free time	1 hour max.	15 min.

Note: The foregoing information is published as general information only. The listed properties and performance characteristics are approximate values and are not part of the product specification.

#### USAGE GUIDELINES

##### SURFACE PREPARATION

- Loose or friable material should be removed and arises made good.
- Joint faces must be clean, dry\*, free of dust and free of contaminant likely to impair adhesion.

\* Ideally surfaces should be dry although TREMflex 834 will adhere to damp surfaces (not wet).

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## SEALANT BACKING

Install a backing rod at 20 or 30% compression.

Backing rod is installed to:

- Prevent 3 sided adhesion.
- Control the depth of the sealant.
- Provide a firm base for tooling the sealant.

Where joint depth is insufficient to allow the use of a backing rod, polyethylene or silicone faced self-adhesive bond breaker tape should be used.

## PRIMING

Primer is generally not required. For advice please consult your nearest TREMCO office.

## METHOD OF APPLICATION

- Use conventional sealant guns for dispensing the sealant.
- Apply at temperatures between 5°C and 60°C.
- All sealant beads should be tooled immediately to ensure firm, full contact with joint faces.
- Maximum designed movement must not exceed  $\pm 12.5\%$  of the joint width. Minimum joint depth should not be less than 5mm.
- Joint width to depth ratio. Below 10mm wide the ratio is 1:1, above 10mm wide the ratio is 2:1.

## COVERAGE RATE

(Approximate Linear Metres per Litre)

WIDTH	6mm	10mm	15mm	20mm	
DEPTH (min)					
6mm		16	10	-	-
10mm	-	6	4	3	
12mm (max)		-	-	-	-

## CLEANING

- Uncured sealant can be cleaned off with water.
- Cured sealant needs to be removed mechanically.

## HEALTH AND SAFETY PRECAUTIONS

The Material Safety Data Sheet (MSDS) must be read and understood prior to use.

## STORAGE

Store in original unopened packaging, in dry conditions between +5°C and +30°C.

## SHELF LIFE

12 months minimum when stored as recommended in original unopened packaging.

## TECHNICAL SERVICE

TREMCO has a team of qualified Technical Sales Representatives who provide assistance in the selection and specifications of products. For more detailed information or service and advice call Customer Service on (02) 9638 2755 or fax (02) 9638 2955.

## GUARANTEE/WARRANTY

We warrant our products to be free of defects and manufactured to meet published physical properties when tested according to applicable specifications and TREMCO standards.

Under this warranty we will provide at no charge, product to replace any product proven to be defective when applied in accordance with our written instructions and in applications recommended by TREMCO as being suitable for this product.

All claims concerning product defects must be made within 12 months of shipment. Absence of such claims in writing during this period will contribute a waiver of all claims with respect to such product. This warranty is in lieu of any and all other warranties expressed or implied.

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