

TREM WS 500

ADVANCED HYBRID WEATHERSEALANT

TREMCO
Lasting Performance

KEY BENEFITS SUMMARY

- Low odour. Solvent and isocyanate free.
- Easy to handle.
- Suitable for high heat and humid applications.
- Excellent adhesion without priming.
- Movement accommodation factor: +/-50%
- Compatible with most common construction materials.
- Paintable.

PRODUCT INFORMATION

Description

TREM WS 500 is a high-performance, single-component, low modulus, hybrid sealant, formulated with proprietary silane end-capped polymer technology.

Colour

White, grey, black. Other colours available on request, subject to minimum order quantity.

Packaging

600 ml sausage (20 per carton).
300 ml Cartridges (24 per Carton)

Joint Preparation

Joint faces should be clean, dry and free from dust, oil, grease, old sealant and any traces of contaminant which may affect adhesion. Any previously applied sealant must be mechanically removed

- Apply masking tape to prevent contamination of adjacent surfaces.
- Depending on the substrate, AT115 and AT200 cleaners are available. Clean powder coated surfaces with AT115. Perform preliminary tests.

Joint Backing

- Closed cell polyethylene is the recommended backing rod material. Care should be taken with open cell polyurethane backing rods due to potential migration of materials or air entrapment.

Usage / Purpose

TREM WS500 is recommended for construction sealing such as joints in façades, rainscreens and curtain walls; perimeter joints around windows, doors, and roof lights; and high movement joints. It can be used for indoor and outdoor applications.

Priming

- Excellent Primerless adhesion to concrete, Glass, aluminium, brick, ceramic, wood, steel etc. Perform preliminary adhesion tests on critical and unknown surfaces.

Application

- Apply TREM WS 500 equally and free of air bubbles directly out of the sausage onto the surface or into the joint.
- Smooth surface, if necessary, within the film formation time
- If masking tape has been used remove it right after smoothing.

Cleaning

For surfaces and tools that are contaminated by TREM WS 500, we recommend AT115 or AT200 as cleaner. Totally cured material only can be removed mechanically.

Health & Safety Precautions

Safety data sheet must be read and understood before usage.

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Technical Data

PROPERTY	TEST METHOD	RESULT
Specific Gravity	Internal	1.41
Consistency	ASTM C639	non-sagging
Skin time	ASTM C679	< 20 minutes at 23°C / 50% RH
Cure Rate	Internal	1mm depth/day
Elongation at Break	ASTM D412	>500 %
Shore A	ASTM D2250	27
Movement Capability	ASTM C719	±50%
Effects of Accelerated Aging	ASTM C793	Pass
Stain and Color Change	ASTM C510	No visible color change/No stain
Application Temperature		+5°C to +50°C
Service Temperature		-40° C to +90°C
Storage	Store in shaded dry conditions between +5 °C and + 25 °C.	
Shelf Life	12 months when stored as recommended in original unopened containers.	

Coverage

Joint dimensions width x depth (mm)	Approximate metres per 300 ml cartridge	Approximate metres per 400 ml sausage	Approximate metres per 600 ml sausage
5 x 5	12.0	16	24
8 x 6	6.2	8.3	12.5
10 X 8	3.7	5	7.5
15 x 10	2	2.6	4.0
20 x 12	1.2	1.6	2.5
25 x 15	0.8	1	1.6
30 x 15	0.6	0.8	1.3

Overpainting

TREM WS 500 can be overpainted after curing.

Please Note

Contact with bituminous or tar containing surfaces can lead to discoloring. Application to natural stone substrates is recommended only after appropriate testing.