

TREM Grip® FT

Single-Component, Quick Tack Adhesive



KEY BENEFITS SUMMARY

- TREMGrip® FT is a moisture curing, elastic and paintable adhesive that has excellent durability and maximum adhesive strength based on Advanced Polymer Technology that offers high initial grab (green strength).
- The instant grab of TREMGrip® FT minimizes the need for additional fasteners or clamps during installation.
- TREMGrip offers great elasticity and rapid bond development
- You can use TREMGrip® FT on a variety of substrates both indoors and outdoors. TREMGrip® FT is resistant to UV, weather, and ageing.
- TREMGrip® FT is user-friendly and environmentally friendly.
Solvent free formulation
Low odor
Extremely low VOC

Basic Uses

TREMGrip® FT has been developed to bond materials to a variety of substrates where an adhesive with extremely high initial green strength is required. TREMGrip® FT exhibits excellent primeless adhesion to many substrates including concrete, aluminum, steel, glass, wood, and many plastics. Suitable for bonding application of doorsteps, windowsills, skirting boards, cover plates, sheet metal fabrication, mirrors, elastic bonding of panels, profiles, and other pieces on the most common substrates like wood, MDF, chipboard, etc.

PRODUCT INFORMATION

Description

TREMGrip® FT is a one component, non-sag, elastic, quick tack adhesive based on hybrid polymers. TREMGrip® FT quick tack adhesive is a second set of hands you can count on for a variety of applications on a number of substrates, limiting extra steps and allowing rapid installation.

Colour

White.

Packaging

300 ml cartridge (24 per carton),
600 ml sausage (20 per carton).

Preparation

- For optimum adhesion, surfaces should be clean, dry, sound and free of contamination.
- Roughen non-porous surfaces.
- On materials such as glass, aluminium, ceramics, lacquered wood, epoxy and polyester no primer is required. For other materials, please contact the local Tremco Technical Services.
- Always carry out a test to confirm compatibility prior to use

Necessary Tools / Protective Equipment

- This is a high viscosity material and a geared application gun such as sausage calking gun or cartridge gun is recommended and a sharp knife to cut nozzle.
- Use in well-ventilated conditions and ensure all recommended protective equipment is worn during handling & use of this product. For full recommendation, refer to safety data sheet.

Usage / Purpose

- TREMGrip® FT is ideal for a vast range of interior & exterior applications and may be applied to damp substrates. Applications include:
 - Fixing aluminium and PVCu nosings and extrusions to concrete and wooden stairs.
 - Carpet grippers to most subfloors without using tacks or nails.
 - Most types of wall cladding, direct wall studding, internal wall surfaces or timber battens.
- As stiffener for ACP and steel sheets panel applications

Priming

- TREMGrip® FT High Tack Pro typically adheres to common construction substrates without primers; however, due to the variability of substrate finishes such as Kynar and anodized aluminum, Tremco always recommends that application- specific testing be performed on the actual materials being used in the manufacturing process to verify the need for a primer, proper cleaning and prep requirements.

Application

- Ensure good contact between the joint surfaces before applying adhesive. Apply a bead of adhesive to one or both surfaces. For larger bond areas, apply parallel beads at approx. 100 mm spacing, so that after joining the parts an aerated gap remains between the beads.
- Bring the two components together immediately. Sufficient working strength will normally develop after 10 minutes.

Cleaning

- Remove excess adhesive immediately with High Strength Cleaner. Ensure surface is solvent resistant before cleaning. Cured adhesive can only be removed mechanically.

Health & Safety Precautions

- Safety data sheet must be read and understood before use

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TECHNICAL PARAMETER

Physical Properties	Test Method	Result
Specific Gravity @ 25°C, g/ml	ASTM D1475	1.56
Consistency	ASTM C639	Non-Sag
Skin Time, min	ASTM C679 (8.4)	15
Tack Free Time @ 25°C/ 50% RH, min	ASTM C679	18
Curing	Internal Test Method	~ 2 - 3mm / Day
Hardness, Shore A	ASTM C661	56
Elongation at break, %	ASTM D412	> 300
Tensile Strength, psi	ASTM D412	310
Application Temperature (°C)	-	+5 to +45
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)	Approx. metres per 300 ml Cartridge	Approx. Metres per 600 ml Sausage
5 x 5	12.0	24.0
8 x 6	6.40	12.5
10 x 8	3.80	7.5
15 x 10	2.00	4.0
20 x 12	1.20	2.5
25 x 15	0.80	1.6
30 x 15	0.60	1.3

Please Note

- As mirror composition can differ between various manufacturers, we recommend a test in each case to confirm suitability.
- Not suitable for bonding polyethylene, polypropylene, Teflon® or nylon. Not recommended for sheet laminate. Do not use structural glazing adhesive. Not suitable for use for bonding plastics that are sensitive to stress cracking. Not recommended for prolonged exposure to
- water. Contact with bituminous or tar containing surfaces can lead to discoloration.



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