
TREMGRIP® FOR ADHESIVE ATTACHMENT IN DRYVIT OUTSULATION® SYSTEMS

Dryvit Systems, Inc. is part of the Tremco Construction Products Group of companies which is focused on providing solutions for all six sides of the building envelope. We are dedicated to developing comprehensive products and systems for building envelope construction and restoration.

TREMGRIP® is a single component elastomeric (medium modulus) adhesive that has been evaluated for use in Outsulation® Systems with EPS and Outsulation X with XPS to bond the EPS and XPS to the WRB.

The following characteristics have been evaluated as they pertain to the application in these Outsulation Systems:

INITIAL GRAB

- The initial grab of TREMGrip to various substrates and insulation boards (EPS and XPS) was found to be satisfactory, eliminating the need for mechanical fasteners in the Outsulation X System.

PERFORMANCE IN FIRE

- An evaluation was conducted to evaluate the use of TREMGrip in testing to NFPA 285. From the evaluation report (Priest & Associates, 2020):
- TREMGrip is used to bond XPS or EPS to the approved substrate (or water-resistive barrier (WRB) on the substrate) in the Outsulation X (ESR 3295) System or the Outsulation Plus MD (ESR 1543 – steel studs only) System.
- TREMGrip must be applied with a vertical notch pattern for drainage.
- The insulation listed for use in the ESRs does not exceed 6 inches.
- All aspects of the ESR must be adhered to (substrate, WRB, insulation type, mesh, base coat, finish, etc.).

ADHESION

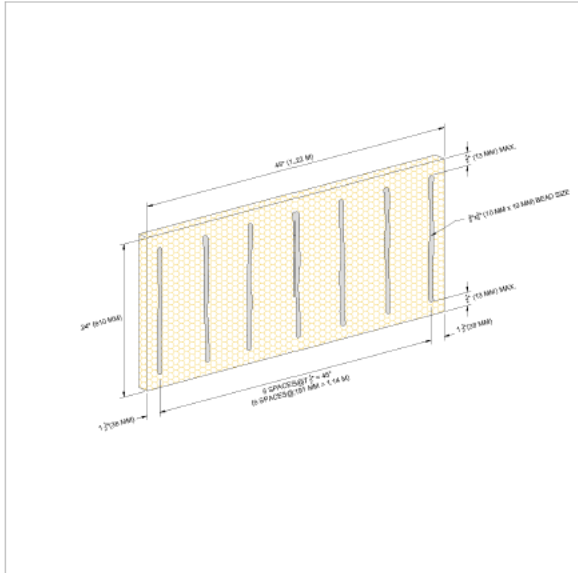
- Tensile bond testing was conducted (ASTM C297) resulting in bond strength values exceeding the minimum requirement of 15 psi.

ADHESION PATTERNS

- Application of TREMGrip must be in vertical ribbons as illustrated in the attached two details.

COVERAGE

- One sausage of TREMGrip (600 ml) will yield just over one 2' x 4' board. 15 sausages per carton will yield about 17 2' x 4' boards per carton.
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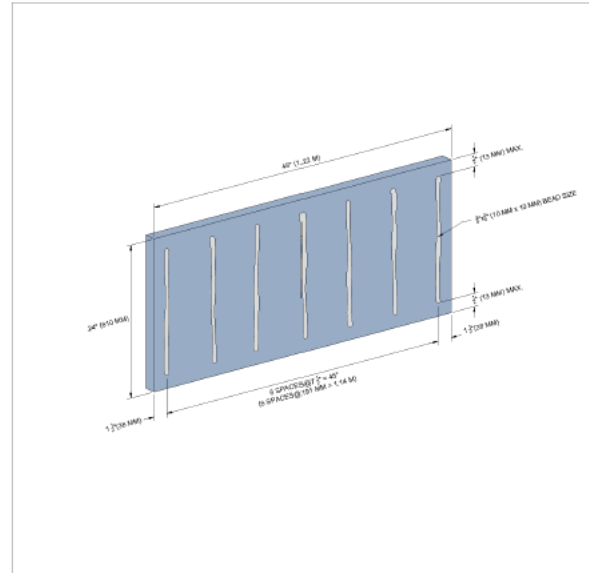


Outsulation® Systems Tremco™ TREMGrip® Adhesive Pattern for EPS

NOTE: 1. DRYVIT RECOMMENDS THAT GROUND FLOOR APPLICATIONS AND ALL FACIES EXPOSED TO ABNORMAL STRESS, HIGH TRAFFIC, OR DELIBERATE IMPACT HAVE THE BASE COAT REINFORCED WITH PANZERFIBER PRIOR TO STANDARD FULLY MESH LOCATION OF HIGH IMPACT ZONES SHOULD BE INDICATED ON CONTRACT DRAWINGS.

The architect, engineering, and design of the project using the Dryvit and Tremco products is the responsibility of the project's design professional. All systems must comply with local building codes and standards. This detail is for general information and guidance only. Dryvit and Tremco specifically disclaim any liability for the use of this detail and for the architect, design, engineering or reinforcement of any project. The project design professional determines, in its sole discretion, whether this detail or a locally approved detail is best suited for the project. Use of a locally approved detail does not void Dryvit or Tremco's warranty. This detail is subject to change without notice. Contact Dryvit and Tremco to ensure you have the most recent version.

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Outsulation® X™ System Tremco™ TREMGrip® Adhesive Pattern for DuPont™ Xenergy™ XPS

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