
TREMPRO® Chem-X® Pro FOR ADHESIVE ATTACHMENT IN DRYVIT OUTSULATION® SYSTEMS

Dryvit 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.

Chem-X Pro® 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 Chem-X Pro 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 Chem-X Pro in testing to NFPA 285. From the evaluation report (Priest & Associates, 2020):
- Chem-X Pro 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.
- Chem-X Pro 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

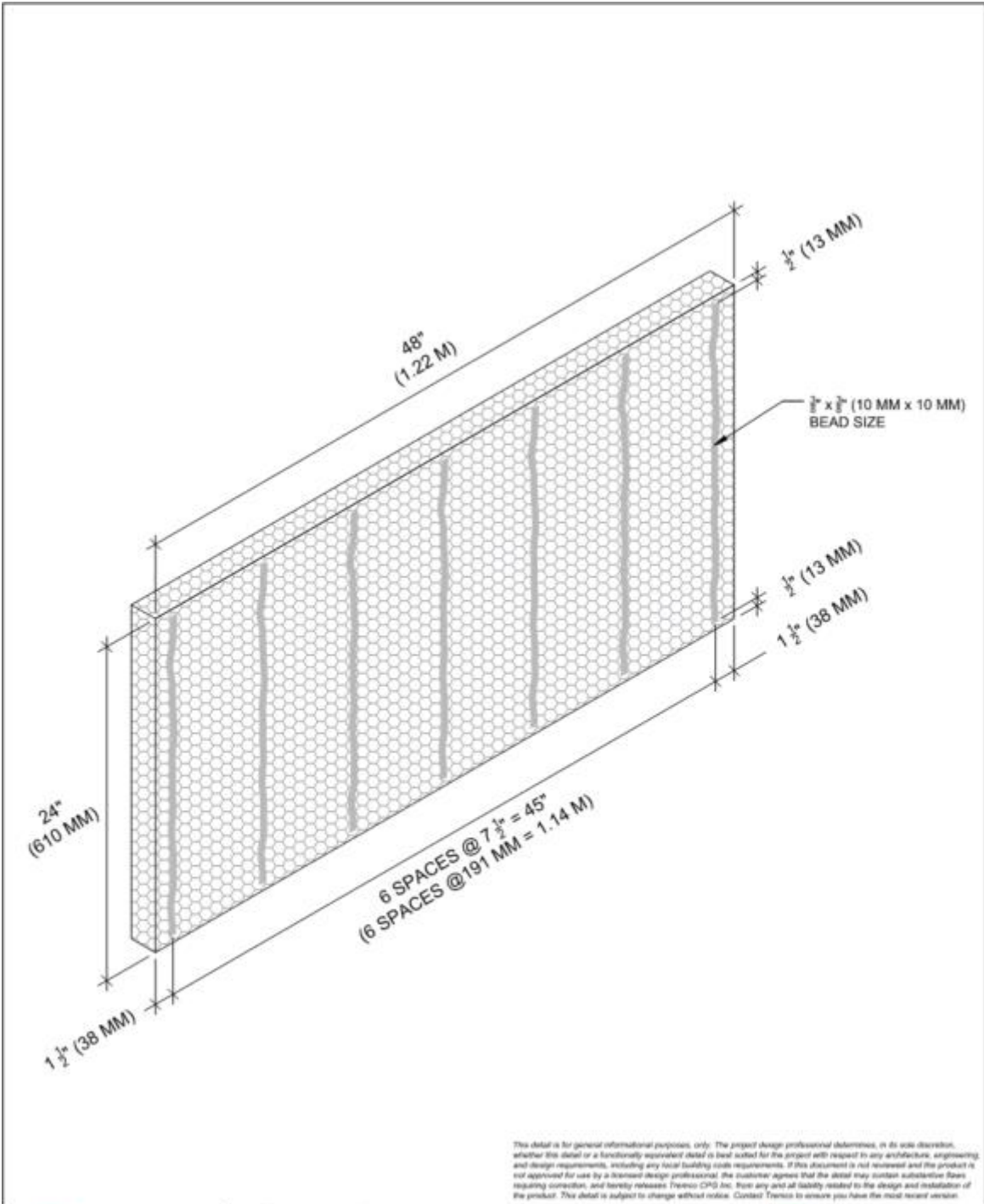
- Tensile bond testing was conducted (ASTM C297) resulting in bond strength values exceeding the minimum requirement of 15 psi.

ADHESION PATTERNS

- Application of Chem-X Pro must be in vertical ribbons as illustrated in the attached two details. The adhesive is applied to the back of the insulation board using beads applied in a vertical pattern spaced 7.5" o-c (7 ribbons per 4' board).

COVERAGE

- One sausage of Chem-X Pro (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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 Dryvit Technical Support: 800-666-7792	Detail: Chem-X Pro EPS Adhesive Pattern			File Name: EPS ADHESIVE PATTERN	 Construction Products Group
	Drawn by: KAB	Checked by: CB	Scale: NTS		
	Revision #: 00	Revised by: -	Date: 2/4/2025		

