

WALLGARD GEL

PRODUCT 774

Ultra High-Build Epoxy Polymer Gel

PRODUCT DESCRIPTION

WallGard Gel is an ultra high viscosity, two-component 100% solids, solvent-free epoxy polymer gel for pre-filling irregular surfaces, filling porous substrates, correcting surface defects ("bug holes" in concrete) or smoothing masonry block surfaces. **WallGard Gel** has excellent adhesion and can be applied directly to most substrates without priming. The ultra high build **WallGard Gel** coating produces an extremely tough and durable base/fill-coat prior to the installation of any of the **WallGard** systems.

WallGard Gel is not intended as a topcoat or finish coat and requires the application of an appropriate **WallGard** system. **WallGard Gel** epoxy filler can be installed using a conventional airless sprayer or applied by trowel and roller to vertical and overhead surfaces. And, it has built-in wetting agents to provide superior adhesion even to damp substrates. **WallGard Gel** is an ideal pre-fill material that provides a non-permeable surface, which is USDA approved and meets or exceeds U.S. VOC guidelines. **WallGard Gel** can be formulated or combined with fiberglass mesh to meet specific project requirements or environmental conditions including: higher chemical resistance, enhanced impact resistance, or added flexural properties.

WALLGARD TOP COATS

- **WallGard E, Product 775** - an excellent general purpose wall coating
- **WallGard HP, Product 776** - a high performance coating with excellent chemical resistance capabilities
- **WallGard AR, Product 777** - a unique formulation designed to resist high concentrations of acid in harsh exposures

- **WallGard SR, Product 779** - A solvent resistant formulation that protects most substrates against extreme exposure

USES

Typical uses for the **WallGard Gel** epoxy includes:

- Filling porous substrates
- Correct surface defects
- Block filler for CMU & brick surfaces
- Smoothing irregular surfaces
- Filling bug holes in cast-concrete
- Or, an embedment coat for reinforcing mesh

or anywhere that a smooth, even surface is required prior to the application of a polymer coating.

- **WallGard Gel** can also be used as cove base material (when mixed with fine silica aggregate), to correct imperfection in a troweled cove, or as a filler around machine pads and bases.

ADVANTAGES

- Mix ratio is 2:1 by volume
- Ease of application
- No offensive odor during installation
- Applied in thickness' of 25 to 250 mils on vertical & overhead surfaces
- 100% solids - VOC compliant
- Good chemical resistance to many common chemicals
- Superior adhesion to various substrates
- USDA approved material
- Installed by approved applicators

LIMITATIONS

- Requires minimum application temperature of 55°F (10°C)
- Requires a protective top coat

COLOR AND TEXTURE

- Available in gray only

PRODUCT APPLICATION

The **WallGard Gel** coating can be used with any of the Thermal-Chem repair and complimentary products, and can be installed as a:

- Applied by trowel or airless sprayer
- (Contact Thermal-Chem for additional equipment specifications.)
- Reinforced with fiberglass mesh

CHEMICAL RESISTANCE

Refer to Separate Product Chemical Resistance tables, or for specific product applications, contact your local Thermal-Chem representative.

PRODUCT AVAILABILITY

Products are manufactured and available through the Thermal-Chem Corporation, 2120 Roberts Drive, Broadview, IL 60155 U.S.A.

Tel: 800/635-3773 ▪ 847/288-9090
Fax: 847/288-9091
E-Mail: sales@thermalchem.com
Website: www.thermalchem.com

TECHNICAL/SPECIFICATION SERVICES

Every reasonable precaution and effort has been taken in the manufacturer of all Thermal-Chem products to comply with the published product data. Actual product performance may vary slightly due to environmental influences and/or conditions.

PRODUCT HANDLING

Read the Material Safety Data Sheet thoroughly before use.

Warning: For professional use only. Avoid contact of uncured material with skin and eyes. Contact with skin may result in irritation. Wash skin with soap and water. If contact with eyes should occur, flush with water for 15 minutes and seek immediate medical attention.

LIMITED WARRANTY

Thermal-Chem Corporation warrants its product to be of good quality and will replace any product proved defective. Satisfactory results depend not only upon quality products but also upon many factors beyond our control. Therefore, except for such replacement, **THERMAL-CHEM CORP. MAKES NO WARRANTY OR GUARANTEE, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY, RESPECTING ITS PRODUCTS**, and Thermal-Chem Corporation shall have no other liability with respect thereto, including without limitation, liability for incidental or consequential damages. Any claim regarding product defect must be received in writing within one hundred and eighty (180) days from the date of shipment. No claim will be considered without such written notice or after the specified time interval. The user shall determine the suitability of the products for the intended use and assume all risks and liability in connection therewith.