

# WALLGARD E

## PRODUCT 775

### Epoxy Wall Coating Systems

#### PRODUCT DESCRIPTION

**WallGard E** is a high-build, two-component, 100% solids, solvent-free protective wall coating system specifically formulated for vertical and overhead surfaces (walls and ceilings). The smooth, tile-like finish is excellent for application over a variety of substrates including masonry block, drywall, concrete, steel, brick, and ceramic tile. The **WallGard E** high-build coating produces an extremely tough, seamless protective shield that resists stains, splashes, and spills typically associated with wet and wash-down environments. When **WallGard E** is installed in combination with an appropriate Thermal-Chem flooring system, it is possible to create a totally seamless environment for food processing, health facilities, and/or pharmaceutical plants.

**WallGard E** wall coating can be installed with a conventional airless sprayer or applied by roller to vertical and overhead applications. It is a unique, long-lasting coating for wall and ceiling applications that provides an extremely scratch resistant and non-permeable surface that is USDA approved, meets or exceeds U.S. VOC guidelines, and is aesthetically pleasing. Combined with any of the available options such as fiberglass mesh reinforcing or E-Glas™ reinforcing. **WallGard E** is an ideal system for environments that require aseptic conditions, improved sanitation, resistance to heavy abuse, and a high degree of durability. In addition, an anti-microbial biocide, can also be factory added for the ultimate sanitary protection.

The **WallGard E** coating may be installed directly over **WallGard Gel, Product 774**, and

will produce a smooth and bug-free surface over most irregular or porous substrates. **WallGard E** may also be topcoated with **WallGlaze, Product 778**, to add an additional protective and glossy finish coat where desired. Consult the **WallGard Gel** and **WallGlaze** Product Description Sheets for specific information.

The **WallGard** systems are also available in four (4) additional and distinct formulations depending on environmental conditions, specific chemical resistance, and/or project application requirements. For superior protection of walls and ceilings consult Thermal-Chem for the correct **WallGard** system product recommendation.

#### RELATED WALLGARD SYSTEMS

- **WallGard Gel, Product 774** - as a block filler or pre-fill of irregular or porous substrates
- **WallGard HP, Product 776** - a high performance coating with excellent chemical resistance capabilities
- **WallGard AR, Product 777** - a unique formulation designed to resist high concentration 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 E** coating includes:

- Food processing areas
- Pharmaceutical manufacturing plants
- Laboratories & testing facilities
- Commercial kitchens
- Or as a fiber reinforced coatings

And, where the following qualities are required:

- Tile-like finish and enhanced clean-ability
- USDA approved coating surface
- Increased ease of maintenance
- Durable/sanitary protection
- Non-permeable protective coating

#### ADVANTAGES

- 2:1 mix ratio by volume
- Good chemical resistance
- Superior adhesion to various substrates
- No offensive odors during installation
- Ease of installation
- Ease of maintenance
- Seamless wall & ceiling installations
- Installed by approved applicators

#### LIMITATIONS

- Application to dry substrates
- Not recommended for total immersion
- May yellow slightly when exposed to excessive UV
- Apply above 40°F

#### COLOR and TEXTURE

- Available in a white and off-white
- **Use WallGard Gel** as a filler coat to pre-fill irregular or porous substrates

#### PRODUCT APPLICATION

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

- Reinforced with fiberglass or E-Glas™
- Applied over **WallGard Gel**

#### CHEMICAL RESISTANCE

Refer to this product on Thermal-Chem's separate Product Chemical Resistant Table, or for specific product chemical resistance application, contact your local Thermal-Chem representative.

#### PRODUCT AVAILABILITY

This product is manufactured by and is available through 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](mailto:sales@thermalchem.com)  
Web Site: [www.thermalchem.com](http://www.thermalchem.com)

#### TECHNICAL/SPECIFICATION

Additional Product Data, complete Technical Support, and Product Specifications are all available through Thermal-Chem Corporation; or their local representatives.

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 products to be of good quality and will replace any product proven to be defective. Satisfactory results depend not only on quality products but also many factors beyond Thermal-Chem's control. Therefore, except for such replacement, **THERMAL-CHEM CORPORATION MAKES NO WARRANTY OR GUARANTEE, EXPRESS OR IMPLIED, INCLUDING ANY WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY, RESPECTING THIS PRODUCT**, 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 of interval. The user shall determine the suitability of the products for their intended use and assume all risk and liability in connection therewith.