

**WALLGARD HP**

PRODUCT #776

**WALLGARD AR**

PRODUCT #777

**WALLGARD SR**

PRODUCT #779

**For Overhead and Vertical Applications****PRODUCT DESCRIPTION**

**WallGard HP, AR and SR** protective wall coating systems are unique, two-component, 100% solids epoxy formulations for use on vertical and overhead applications. All three (3) **WallGard** high-build systems produce a smooth, glass-like finish that is excellent for applications over a variety of substrates including masonry block, cast-in-place or pre-cast concrete, steel, brick, and/or ceramic tile. All **WallGard** products will provide a seamless and protective barrier that is chemically resistant, will resist stains, splashes, and spills typically associated with wash down areas, secondary containment facilities, or chemical processing plants. The **WallGard** coatings are available in three (3) distinct chemical resistant formulations that are capable of resisting a wide range of chemicals even in the harshest and most severe environments (refer to the chemical resistant chart for specific product recommendations). When installed in conjunction with one of the appropriate Thermal-Chem companion floor coating systems (VersiGard, AcidGard, or SolventGard), it is possible to create a totally seamless and integrated protective shield for containment or direct chemical exposure.

All three (3) **WallGard** coating systems can be installed by roller application at typical thickness' of 20 to 30 mils (minimum), depending on the

substrate conditions and project or application requirements. **WallGard** coatings are USDA approved and meet or exceed U.S. VOC guidelines. Each **WallGard** coating is a unique, long-lasting and highly chemical resistant system that provides a high degree of durability even when subjected to heavy abuse. Depending on the specific system and project parameters, **WallGard** coating systems can be installed on interior and exterior applications, over a flexible membrane, over **WallGard Gel, Product 774**, and/or can be strengthened with fiberglass mesh reinforcing for added protection.

The **WallGard** systems provide the ultimate protection for vertical and overhead surfaces; consult Thermal-Chem directly for the correct **WallGard** system or product recommendation for your project.

**WALLGARD SYSTEMS**

- **WallGard HP, Product 776** – an excellent coating for medium duty chemical resistant use – companion Floor system **VersiGard, Product 750**.
- **WallGard AR, Product 777** – a superior coating specifically formulated for resistance to acids in high concentrations – companion Floor system **AcidGard, Product 755**.
- **WallGard SR, Product 779** – a unique formulation for resistance to solvents in harsh conditions – companion Floor system **SolventGard, Product 757**.

**USES**

Typical uses for the **WallGard** coating systems include :

- Chemical processing plants
- Pharmaceutical manufacturing plants
- Laboratories & testing facilities
- Secondary containment areas
- Fiberglass reinforced coatings

And, where the following qualities are required :

- High chemical resistance
- Durable protection splash & spills
- Certain areas for complete immersion
- USDA approved coating surfaces
- Non-permeable protective surfaces

#### ADVANTAGES

- Excellent chemical resistance
- Superior adhesion to various substrates
- No offensive odors during installation
- Installed by approved applicators
- Ease of installation & maintenance
- Seamless vertical and overhead installations

#### LIMITATIONS

- May discolor slightly due to UV exposure
- All products should be applied at 40°F and higher

#### COLOR and TEXTURE

- Available ten (10) standard colors
- Smooth to orange-peel texture
- Can be installed directly over **WallGard Gel** or for added strength - used in conjunction with **E-Glas™** reinforcing.

#### PRODUCT APPLICATION

The **WallGard HP, AR and SR** coating systems can be used with any of the Thermal-Chem complimentary and repair products; and can be installed as:

- Mix ratio by volume of Product 776, WallGard HP, is 2:1
- Due to the high functionality of **Product 777, WallGard AR, and Product 779, WallGard SR**, their mix ratio is by weight and is printed on the packaging label
- Mix with aggregate to apply as a mortar
- Reinforced with fiberglass
- Apply 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

Tel: 800/635-3773 \* 847/288-9090

Fax: 847/288-9091

E-Mail: sales@thermalchem.com

Web Site: 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 a quality product but also many factors beyond Thermal-Chem's control. Therefore, except for such replacement, **THERMAL-CHEM CORP. 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.