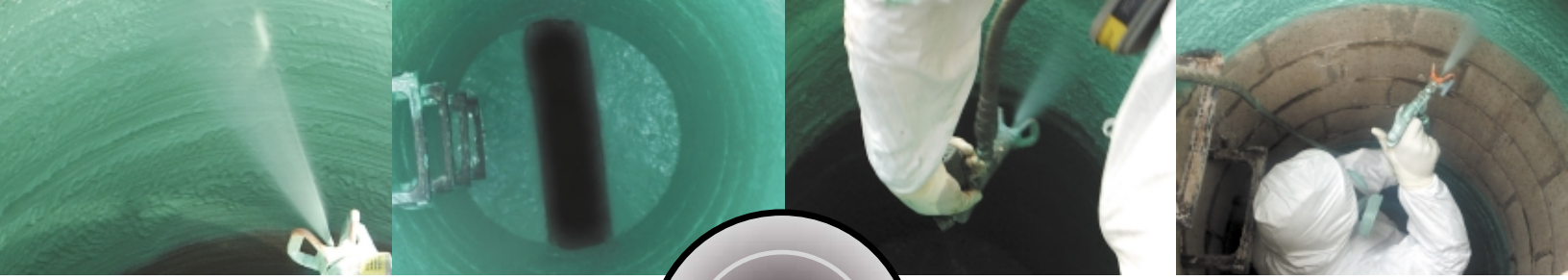


The logo features the brand name "SewerTuff" in a bold, white, sans-serif font. A registered trademark symbol (®) is positioned to the upper right of the text. The text is centered within a solid red rectangular background.

SewerTuff[®]



Manufacturing quality products since 1976



SewerTuff®

HIGH MODULUS, HIGH BUILD EPOXY POLYMER GEL, Product 799

Typical uses for the SewerTuff HM epoxy include:

- Relining Masonry or Concrete Manholes
- Concrete Protective Coating in Wet Wells, Clarifiers or Lift Stations

or anywhere that a smooth, even surface is required.

SewerTuff HM is an ultra high viscosity, two-component 100% solids, high modulus, solvent-free epoxy polymer gel coating system designed to reline and repair manholes, lift stations, wet wells, clarifiers, etc. SewerTuff HM has excellent adhesion and can be applied directly to most substrates without priming. And, it has built-in wetting agents to provide superior adhesion even to damp substrates. The ultra high build SewerTuff HM coating produces an extremely tough, durable and rigid coating. Applied at 80 -125 mils, SewerTuff HM becomes a barrier to corrosive hydrogen sulfide and sulfuric acid at the concentrations normally found in a sewerage environment. It forms a non-permeable surface, which is USDA approved and meets or exceeds U.S. VOC guidelines.

| | |
|---|--------------|
| Solids by weight | 100% |
| Flash point | 200° F |
| Temperature resistance | 175° F |
| Net weight/gallon, lbs./gallon | 9.2 + .5 lbs |
| Shelf life | 1 year |
| Potlife, 77°F | 45 + 10 min. |
| Bond Strength ACI 503R | Pass |
| Abrasion resistance ASTM | |
| D968, neat material | 50 liters |
| Compressive Strength, | |
| ASTM D579 | 13,400 psi |
| Flexural Strength, ASTM D580 | 9,500 psi |
| Flexural Modulus, ASTM D580 | 505,000 psi |
| Flexural Strength, ASTM D790 | 11,600 psi |
| Flexural Modulus, ASTM D790 | 552,000 psi |
| Tensile Elongation, ASTM D638 | 4 - 7% |
| Tensile Strength, ASTM D638 | 7,500 psi |
| Shore D Hardness, ASTM D2440 82 - | 84 |

PRODUCT #799

ADVANTAGES

- Mix ratio is 1.5:1 by volume
- Ease of application
- No offensive odor during installation
- Typically applied in thickness' of 80 to 125 mils on vertical & overhead surfaces
- 100% solids – VOC compliant
- Good chemical resistance to many common chemicals and gasses
- Superior adhesion to various substrates
- USDA approved material
- Installed by approved applicators

LIMITATIONS

- Requires minimum substrate application temperature of 40°F (10°C)

COLOR AND TEXTURE

- Available in light green only

PRODUCT APPLICATION

- Typically applied by high performance plural component airless spray equipment
- (Contact SewerTuff LLC for additional equipment specifications)
- May be reinforced with fiberglass mesh or with **E-Glas™**

CHEMICAL RESISTANCE

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

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.

LIMITED WARRANTY

SewerTuff LLC 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, SEWERTUFF LLC. MAKES NO WARRANTY OR GUARANTEE, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY, RESPECTING ITS PRODUCTS, and SewerTuff 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.



ORGANIZED IN 1976 THERMAL-CHEM CORPORATION

HAS ESTABLISHED ITSELF AS A LEADER IN THE

DEVELOPMENT OF ADVANCE TECHNOLOGY

EPOXY AND URETHANE-BASED PRODUCTS

FOR CONCRETE REPAIR AND PROTECTION.

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