

TECHNICAL DATA

NOVOCLAD

PRODUCT #755

PRODUCT DESCRIPTION

A two (2) component 100% solids Novolac epoxy coating designed and formulated specifically for projects that require protection from harsh chemical attack that may cause standard coatings to fail. The **#755 NOVOCLAD** is an ideal product for primary and secondary chemical containment, battery charging and storage areas, solvent storage, process areas, pump pads, and trenches.

#755 NOVOCLAD can be installed as a self-priming coating, or when properly mixed with various aggregates such as silica sand or thixotropic thickening agents, is suitable for high-build flooring (mortars), and/or wall systems, ensuring total chemical protection.

Packaging: Available in 1 & 5 gallon kits. Available in all standard Thermal-Chem colors.

ADVANTAGES

- Superior chemical protection
- NO offensive odors typically found with styrene or solvent-based coatings
- Can be installed in both interior and exterior environments
- USDA approved
- Withstands higher heat exposures than typical coatings
- Thicker viscosity to ensure total protection
- Excellent working time to aid in placement

LIMITATIONS

- Do not install in temperatures below 40°F
- Only available in normal cure
- Do not thin this product
- Lighter colors may require 2 (two coats)

TYPICAL PHYSICAL PROPERTIES

% Solids	100%
VOC Content	0 g/L
Viscosity	1000-2000 cps
Hardness	89-93 Shore D per ASTM D2240
Abrasion Resistance	20-25 mg loss per ASTM D1044 Taber Wheel @ 1000 cycles
Dry to Touch	4-8 hours at 70 Degrees F
Recoat Time	8-23 hours at 70 Degrees F after 24 hours lightly sand product
Open for Light Traffic	24 hours at 70 Degrees F
Exposure to Checmical(s)	72 hours at 70 Degrees F

PRODUCT APPLICATION

Pre-drill both components for 2-3 minutes to ensure ingredients and pigment (if selected) are evenly dispersed throughout the mix. Combine both components and mix for an additional 3 minutes.

Apply **#755 NovoClad** with a squeegee, brush, or high-quality non-shed roller. Only mix the amount of product that can be properly applied in 20-30 minutes.

SURFACE PREPARATION

Apply **#755 NovoClad** only to a clean and sound substrate. Mechanical preparation by means of shot-blasting or diamond grinding to an ICRI CSP 3/4 is recommended (see ICRI Guideline No. 03732 for additional details)

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PRODUCT HANDLING

Avoid contact of uncured material to skin and eyes. Proper PPE should be used during the handling of this product. Clean skin with soap and water. Tools and equipment should be cleaned with a solvent such as xylene or lacquer thinner. Refer to the Safety Data Sheet for additional information.

LIMITED WARRANTY

Thermal-Chem Corporation warrants its product to be of good quality and will replace any product proved to be defective. **THERMAL-CHEM CORPORATION MAKES NO WARRANTY OR GUARANTEE EXPRESS OR IMPLIED INCLUDING WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY.** In the event THERMAL-CHEM CORPORATION determines a product to be defective it will at its sole discretion, either replace the product or refund the purchase price. All claims must be made in writing within one-hundred and eighty (180) days from the date of shipment. No claim will be considered without written notice or after the specified time interval.