

TECHNICAL DATA

ARMORTRED-SL

PRODUCT #728

PRODUCT DESCRIPTION

ArmorTred SL #728 is a 1/8" thick three-component aggregate-filled flooring system. This is a specially formulated high-performance self-leveling interior resurfacer, and is designed for concrete projects that require an economical solution but also require extremely high compressive strength. Typically installed in as few as one step allowing a quicker return to service for areas with medium to heavy traffic.

Packaging: Three gallons of pigmented SL epoxy, 50 lbs. of our Slurry Silica #4 aggregate

SYSTEM FEATURES

- 100% solids formulation
- Extremely durable
- Self-priming, excellent adhesion properties
- Low viscosity for easier placement
- Easily levels previously pitted or uneven concrete slabs
- Large areas can be installed quickly
- Extremely high compressive strength
- VOC Compliant to ALL US Regulations
- Added chemical resistance can be achieved using Thermal-Chem products #755.

USES

- Industrial production areas
- Automotive repair centers
- Fire stations and correctional facilities
- Warehouse aiseways
- Aircraft hangars
- Cleanrooms
- Animal healthcare facilities

TYPICAL PHYSICAL PROPERTIES

| | |
|------------------------|---|
| % Solids | 100% |
| VOC Content | 0 g/L |
| Viscosity | 1300-1500 cps |
| Hardness | 80-85 Shore D per ASTM D2240 |
| Working Time | 20-40 minutes @ 70° F |
| Dry to Touch | 7-9 hours @ 70° F (for faster curing see Product #727) |
| Recoat Time | 7-23 hours at 70° F (after 24 hours lightly sand) |
| Open for Light Traffic | 24 hours @ 70° F |

LIMITATIONS

- Must be applied over a properly prepared concrete substrate (CSP 3/4 as per ICRI Guideline No.03732)
- Concrete must be at least 28 days old
- Apply at temperatures between 55 degrees F and 80 degrees F
- Exposure to direct sunlight may cause slight color discoloration
- System requires at least 24 hours before light wheeled traffic exposure

CHEMICAL RESISTANCE

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

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PRODUCT APPLICATION

Surface Preparation: New concrete must have a 28-day cure and be applied to a clean/sound substrate that is free of laitance and curing compounds. Mechanical preparation by means of shot-blasting or diamond grinding to a minimum of a CSP 2/3 as defined by ICRI, then properly vacuumed to remove any remaining dust.

Mixing: Mix ArmorTred #728-SL resin (Part A) with colorant, mix both components for approximately 2-3 minutes. Add hardener (Part B) and drill for an additional 2-3 minutes. Slowly add the pre-measured 50 lbs. of self-leveling filler aggregate slowly and continue to mix until all components are uniform in color and consistency.

Applying Product: Pour mixed product out and using either a cam rake or a notched squeegee (1/8"), slowly pull the material across the surface. Wait approximately 5-10 minutes and then backroll the material with a metal porcupine roller to allow air to release and help level the system.

DO NOT TURN THE MIXING VESSEL (BUCKET) OVER ON THE FLOOR IN AN EFFORT TO UTILIZE THE ENTIRE CONTENTS.

Typical Coverage will be approximately 84 square feet per mixed kit at 1/8". This will vary depending on the surface to which the mixed product is applied.

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.

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

Email: sales@thermalchem.com

Website: www.thermalchem.com

LIMITED WARRANTY

Thermal-Chem Corporation warrants its product to be of good quality and will, at Thermal-Chem's sole discretion, replace or refund the original purchase price (if payment was made in accordance with Thermal-Chem's payment and credit terms) of any product proved defective or non-conforming. Satisfactory results depend not only upon quality products but also upon many factors beyond our control. **THE PARTIES AGREE THAT THE REPLACEMENT OR REFUND OF PRODUCT PAYMENT FOR DEFECTIVE PRODUCT OR NON-CONFORMING GOODS IS THE SOLE AND EXCLUSIVE REMEDY. 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 ninety (90) 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.