

## TECHNICAL DATA

# ARMORBOND

## PRODUCT #731

### PRODUCT DESCRIPTION

**ArmorBond #731** is two-component 100% solids, pigmented, epoxy polymer top coat. This product can be used to level and restore deteriorated, irregular, or pitted concrete surfaces.

When used as a top coat **ArmorBond #731** provides a smooth, glass-like or textured finish that has excellent abrasion and impact resistance.

**ArmorBond #731** has been designed for interior use only.

**Packaging:** Kit sizes available are 1, 3, 15 gallons

### ADVANTAGES

- Self-priming
- Can be used as both a base coat and top coat
- Moderate resistance to common industrial chemicals and UV exposure
- Easy 2 to 1 mix ratio (by volume)
- Low odor during application & cure - can be applied in occupied facilities
- VOC compliant with ALL U.S. regulations
- Available in ten (10) standard colors - can be factory or field pigmented

### LIMITATIONS

- Do not apply in ambient temperatures below 55 Degrees-F
- Do not apply at less than 8 mils or 200 square feet per gallon
- Do not thin this product with any solvent

### SURFACE PREPARATION

Apply **ArmorBond #731** only to clean and sound substrates. Mechanical preparation by means of shot-blasting or diamond grinding to an ICRI CSP 2/3 is recommended (see ICRI Guideline No. 03732 for additional details).

### TYPICAL PHYSICAL PROPERTIES

% Solids	100%
VOC Content	0 g/L
Viscosity	600-800 cps
Hardness	80-85 Shore D per ASTM D2240
Abrasion Resistance	35-44 mg loss per ASTM D1044 Tabor Abrasion (1000 cycles)
Working Time	15-25 minutes at 70 Degrees F
Dry to Touch	6-8 hours at 70 Degrees F
Recoat Time	6-23 hours at 70 Degrees F after 24 hours lightly sand product
Open for Light Traffic	24 hours at 70 Degrees F

### PRODUCT APPLICATION

Apply **ArmorBond #731** with a squeegee, brush, or high quality non-shed roller. Only mix the amount of product that can be properly applied within 15-25 minutes. Once thoroughly mixed this product should be placed on the surface and NOT LEFT IN THE MIXING BUCKET.

### PRODUCT APPLICATION

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

TECHNICAL DATA

# ARMORPRIME ULTRA-FAST

PRODUCT #731

## 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 GUARENTEE 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.