

1. PRODUCT NAME

#744 Epoxy Base Coat

2. MANUFACTURER

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3. PRODUCT DESCRIPTION

#744 is a 100% Solids, Non-Shrink, Moisture-insensitive, Two-Component Epoxy Base Coat.

Advantages

- Nearly no odor
- Cures down to 40°F
- 100# Solids, NO VOC's
- Excellent Work Time
- Moisture Insensitive Formula
- Excellent Strength Properties
- Excellent Impact Resistance

Uses

Used in decorative, commercial, institutional and industrial applications. Where the toughest heavy-duty industrial and manufacturing environments exist.

4. APPLICATION INSTRUCTIONS

The mixed polymer can be applied as a neat coating, single or double broadcast system, EPC hand troweled or power troweled.

Packaging

3, 5, 15 gal units

Shelf Life

Factory sealed containers of this product are guaranteed to be of first quality for 1.5 years.- Keep from Freezing

Limitations

Minimum substrate & ambient Temperature is 40°F. DO NOT THIN- Solvents will prevent proper cure. DO NOT PLACE EPOXY IF ICE IS PRESENT

☐ #744 may irritate eyes and skin. Avoid contact with eyes or prolonged contact with skin.

☐ For professional use only. ☐ Keep out of reach of children.

5. TECHNICAL DATA

Performance Properties @ 73°F., 50% R.H.
Test/Test Method Results

Viscosity,	550-750 cps		
Color	Straw or Pigmented		
Pot Life	30-35 minutes		
Tack-Free Time, hours			
50°F	10-12		
73°F	6-8		
90°F	5-7		
Consistency	Nearly Self Leveling		
Tensile Properties (ASTM D638)	7 Days		
Tensile Strength	8900 psi		
Elongation at Break, min.	5%		
Slant Shear Strength (ASTM C882)	7 days		
Test Temperature	Value Mode of Failure		
50°F	4100psi 100% Concrete		
90°F	4200 psi 100% Concrete		
Coefficient of Thermal Expansion (ASTM D696)			
Temperature Range -30°C -22°F / 36°C 86°F			
7 days	18.0 x 10 ⁻⁶ in /in./°F		
Hardness, Shore D 80 (ASTM D2240)			
7 days			
Compressive Strength (Neat Polymer)			
8 hr	1 day	7 days	
50°F	3,700 psi	10,200 psi	14,200 psi
73°F	6,200 psi	10,200 psi	14,200 psi
90°F	10,100 psi	10,300 psi	14,300 psi

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