UV RESISTANT EPOXY - TOP COAT

1. PRODUCT NAME

732

2. MANUFACTURER

Polygem, Inc. 1105 Carolina Drive West Chicago, IL 60185 Telephone: (630) 231-5600 FAX: (630) 231-5604 www.polygem.com

3. PRODUCT DESCRIPTION

732 is a two-component clear epoxy topcoat. It is 100% solids, non-shrink, highly modified for excellent UV resistance, nearly no odor during application. Excellent chemical stain resistance, clean spills as soon as possible. INDOOR USE ONLY.

Used in decorative, commercial, institutional, and industrial applications where the existing overlay needs added protection from wear. It can also provide a smooth or aggressive textured profile surface for anti-slip environments. It can be used as a clear coating over clean concrete surfaces and decorative systems. Often used under a Satin or Matte finish.

Advantages

- NO VOC's 100% Solids formula
- Nearly No odor during application
- Complies with USDA, FDA, OSHA, ADA
- Moisture-insensitive formula
- **Excellent Impact Properties** •
- **Excellent Strength Properties**
- Excellent chemical resistance
- Cures down to 40°F

Uses

- **Decorative Overlays**
- Commercial
- Industrial •
- Institutional •
- Metallics Systems
- Flake Systems •
- Quartz Systems

4. APPLICATION INSTRUCTIONS

Mix Ration by Volume Comp "A" 2 pt. to Comp "B" 1 pt. or by weight 66 "A" - 34 "B". Mix well making sure to scrape pail sides. Pour out all that is mixed onto substrate, never leave mixed product in pail. Apply with squeegee and 3/8" roller. Using a chip brush for corners and around drains etc.

Packaging

3, 5, 15 and 150 Gal Units

Colors

Clear, Light Gray, Medium Gray, Dark Gray, Beige, Crème, Tile Red, Jute Brown, True Blue and Black. Custom Colors available.

Shelf Life

Unopened containers are guaranteed for 1 year. Store in temperatures between 60°-80° F. Storing above 85° will reduce shelf life. Keep from freezing

Cautions

Wear chemical goggles and NIOSH approved respirator. Wear proper protective clothing and gloves to prevent direct contact of Consult Safety Data Sheet for full listing protective resins requirements.

732 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

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Performance Properties @ 73F., 50% F	R.H.
Test/Test Method Results	
Viscosity, cps	550-750 cps
Color	Clear
Pot Life, minutes	18-20 minutes
Consistency	Self Leveling
Tack-Free Time, hours	•
50°F	10-12
73°F	6-8
90°F	4-7
Tensile Properties (ASTM D638)	7 Days
Tensile Strength	8,800psi
Elongation at Break	5%
Flexural Properties (ASTM D790)	7 Days
Flexural Strength	16,000psi
Tangent Modulus of Elasticity	510,00psi
Slant Shear Strength (ASTM C882)	7 days
Temp Value Mode of	Failure

50°F	4,000psi	100% Concrete Failure
90°F		100% Concrete Failure
Compressive Strength (ASTM D695)		
Temp/	0	8 hours/1day/7days
50°F		3,700/6,300/10,300psi

	100/0,000/10,000p01
73°F 10	0,100/10,200/10,300psi
90°F 14	4,100/14,200/14,200psi
	,100/14,200/14

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732 UV RESISTANT Rev / 2-23-22 Data sheets are subject to change without notice