

#722 GLITTER INFUSED

THREE-DIMENSIONAL GLITTER INFUSED SELF LEVELING FLOOR SYSTEM

1. PRODUCT NAME

#722 GLITTER INFUSED FLOOR SYSTEM

2. MANUFACTURER

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3. PRODUCT DESCRIPTION

Polygem's #722 is a three-component self-leveling epoxy floor system containing multi-color glitter. It is a 100% solids, non-shrink, modified for better UV stability. It is applied over a #744 black base coat.

Uses

Used in decorative, commercial, institutional applications where the toughest heavy-duty environments exist. Bars / Restaurants, entry ways, daycares, anywhere extra flash and sparkle are desired.

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
- Self-Leveling

4. APPLICATION INSTRUCTIONS

The mixed black epoxy base coat is applied as a neat-pigmented protective base coat and applied with 1/16" a gauge rake onto the tack-free base coat. It is necessary to back-roll the wet epoxy with a spike roller to assist in distributing the glitter into gauge rake lines.

Packaging — 120 sf2 @ 1/16"

Shelf Life

Factory sealed containers of this product are guaranteed to be of first quality for 12 months.- Keep from Freezing

Cautions

- Wear chemical goggles and NIOSH approved respirator. Wear proper protective clothing and gloves to prevent direct contact of resins. Consult Safety Data Sheet for full listing protective requirements.
- #722 GLITTER 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 @ 73F., 50% R.H.

Test/Test Method Results

Viscosity, cps	500-800 cps
Color	Clear
Pot Life, minutes	5-35 minutes
Consistency	Self Leveling
Tack-Free Time, hours	
50°F	10-12
73°F	5-7
90°F	4-6

Tensile Properties (ASTM D638)	7 Days
Tensile Strength	8,100psi
Elongation at Break	>5%
Flexural Properties (ASTM D790)	7 Days
Flexural Strength	15,000psi
Tangent Modulus of Elasticity	500,00psi
Slant Shear Strength (ASTM C882)	7 days

Temp	Value	Mode of Failure
50°F	4,100psi	100% Concrete Failure
90°F	4,300psi	100% Concrete Failure
Compressive Strength (ASTM D695)		
Temp/	8 hours/1day/7days	
50°F	3,700/6,300/10,300psi	
73°F	6,300/10,200/14,200psi	
90°F	10,300/10,300/14,200psi	

Compressive Strength (ASTM C579) 7 days

EPC 11,500pci

Hardness (Indentation-ASTM D 2240)

Neat epoxy, 7 day cure, Durometer, Shore D 80

Adhesion to Concrete (Tensile Pull- ACI 503R)

EPC, 7 day cure, 400psi, 100% concrete failure

Abraision Resistance (Taber-ASTM D 4060)

EPC, 7 day cure, 1,000 cycles, 1,000g. load, Wheel

No.17, Loss 0.04.9g

Water Absorption (ASTM D 570)

Neat, 7 day cure, max. 0.15%

Coefficient of Thermal Expansion (ASTM D696)

Temperature range -30°C (-22°F) / 30°C (86°F)

7 days 18.0 x 10⁻⁶ in/in./°F

Flammability (ASTM D635)

EPC, 7 day cure, self-extinguishing

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#722 GLITTER 04/2017

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