#722 GLITTER INFUSED
THREE-DIMENSIONAL GLITTER INFUSED SELF LEVELING FLOOR SYSTEM

1. PRODUCT NAME
#722 GLITTER INFUSED FLOOR SYSTEM

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

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 / Restraunts, 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)	7days
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

Abraison 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 10₆ in/in./°F

Flammability (ASTM D635)
EPC, 7 day cure, self-extinguishing