**URESEAL**

**WATER-BASED POLYURETHANE CLEAR COAT**

Data Sheet F18

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1. **PRODUCT NAME**

URESEAL

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**

URESEAL is a aliphatic polyester-based urethane in water. URESEA is a glossy, hard, tough, non-yellowing waterborne polyurethane dispersion that has been modified with a flow package for brushing applications. It is designed for use in applications that require a very tough, hard surface with some degree of flexibility.

**Advantages**

- Water-based
- Odorless
- Non-Yellowing
- No Shrinkage
- High-Gloss
- Bonds well to most dry surfaces

**Uses**

As a high-gloss clear top-coat.

- Concrete Sealer
- Seamless Flooring Top-Coat
- Clear Coat over Acid Stain and Stamped Concrete
- Wood Flooring Clear Coat

4. **APPLICATION INSTRUCTIONS**

1. Clean substrate before application and remove excess dust.
2. Apply by 5/8” nap roller (3 wet mils) the topcoat.
3. Let dry for 3 - 7 days before testing coating.

Consult Polygem for additional technical instructions for grouting specifications.

**Packaging**

URESEAL is available in one and five gallon containers.

**Shelf Life**

Factory sealed containers of this product are guaranteed to be of first quality for min. 12 months.

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**Limitations**

- Do not install when surface temperature is below 35°F (7°C) or above 90°F (32°C).

**Cautions**

- Wear chemical goggles and NIOSH approved respirator.
- Wear proper protective clothing and gloves to prevent direct contact with resins. Consult Material Safety Data Sheet for full listing protective requirements.
- Protect finished work from traffic until fully cured.
- URESEAL 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**

**Physical Properties**

- Appearance: Semi-translucent
- Total Solids: 30 - 33%
- pH: 8.0 – 10.0
- Viscosity: 1 – 500 cps at 25°C
- Gloss: > 80°
- VOC: 15.76% of total weight

**Chemical Testing Results (24 hour covered spot test per D-1308):**

- Adhesion: Excellent
- Cold Water: No Damage
- Mustard: Slight Yellow Stain
- Ketchup: No Damage
- Hot Coffee: No Damage
- Cola: No Damage
- Red Wine: No Damage
- Motor Oil: No Damage
- Grape Juice: No Damage
- Cranberry Juice: No Damage
- 10% Acetic Acid: No Damage
- 20% Sulfuric Acid: Film Whitened
- 20% Hydrochloric Acid: No Damage
- 30% Bleach: No Damage
- 10% Ammonia: No Damage
- 100% 2-propanol: No Damage
- 100% MEK Film Whitened

The information and data contained herein are believed to be correct. However, we do not warrant either expressly or by implication the accuracy thereof.