

TECHNICAL DATA SHEET

BEYPUR™ 250 2-C ELASTOMERIC POLYURETHANE WEAR COAT

PRODUCT FEATURES

- **Two-Component:** 100% solids, high polyurethane content, chemical setting urethane elastomer.
- **Long-Term Performance:** Retains physical properties over time, ensuring lasting resilience.
- **High-Strength Wear Layer:** Specifically formulated for athletic surfacing systems to maximize durability.
- **Excellent Adhesion:** Bonds effectively to a variety of substrates and other Beynon polyurethane materials.
- **Regulation-Compliant:** TDI-free, mercury-free, and heavy metal-free, eliminating the regulatory problems, reducing environmental and site hazards.

APPLICATION GUIDELINES

- **Consult** with Beynon Technical Representative for detailed application instructions.
- **Surface Preparation:** Ensure the surface is clean, dry, free from oil, grease, dirt, foreign residue, or other contaminants.
- **Mixing:** Pre-mix the Part A color component. Mix thoroughly the two components using a non vortexing mixer. Avoid excessive addition of air and atmospheric moisture. Transfer mixed components to a second container and remix briefly.
- **Application:** Use appropriate squeegee or flat trowel. Do not apply over wet or damp surfaces.
- **Temperature:** Acceptable temperature range for application is 50-130°F (10-54°C).

HANDLING PRECAUTIONS

- Refer to the Safety Data Sheet (SDS) before handling or using the product.
- Always wear recommended Personal Protective Equipment (PPE).
- Avoid contact with eyes, skin, and clothing.
- BEYPUR™ Universal B contains polymeric isocyanate, do not breathe vapors.
- Ensure adequate ventilation during application.

STORAGE GUIDELINES

- **Store in a cool, dry surroundings.**
- **Avoid prolonged storage.** Store within temperature: 40-90°F (4-32°C) for BEYPUR™ 250A. 50-90°F (10-32°C) for BEYPUR™ Universal B.
- **Shelf life:** ~12 months in its original sealed container.

PHYSICAL PROPERTIES

| | Imperial | Metric |
|------------------------------|---|------------------------------------|
| Color | Customizable to project needs | |
| Biobased Polymer Content | 51% (by weight) | |
| Density (Mixed) | 9.9 lbs/gal | 1.19 g/cm ³ |
| Mix Ratio (By Volume) | 4A : 1B | |
| Mix Ratio (By Weight) | 4A : 1B 80% Part A, 20% Part B | |
| Packaging (250 Part A) | Totes (2,600 lbs) Drums (520 lbs) | Totes (1,179 kg) Drums (236 kg) |
| Packaging (Universal Part B) | Totes (2,500 lbs) Drums (500 lbs) | Totes (1,134 kg) Drums (227 kg) |
| Mixed Application Pot Life | 50-70 min (100°F) | 50-70 min (37°C) |
| Cure Time | 8-10 hours to reach 55-60 Shore A | |
| Durometer (Shore A) | 65 ± 5 | |
| Coverage Rate | 2.2 lbs/yd ² (per 1 mm thickness) | 1.2 kg/m ² |

USDA CERTIFICATION



BEYPUR™ 280 proudly carries the USDA Certified Biobased Product label, validating its use of renewable materials and contribution to reducing environmental impact.

With **51% biobased content**, this product is part of Beynon's commitment to sustainable and environmentally responsible manufacturing practices.

ISO 9001 & ISO 14001 CERTIFICATION

This product is manufactured in accordance with the **quality management system standards of ISO 9001**, demonstrating a commitment to consistent quality and customer satisfaction, while also adhering to the **environmental management system standards of ISO 14001**, signifying our dedication to minimizing our environmental impact throughout production process.

