

# TECHNICAL DATA SHEET

## BEYPUR™ 240 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 overtime, ensuring lasting resilience.
- **High-Strength Wear Layer:** Specifically formulated for athletic surfacing systems to maximize durability.
- **Regulation-Compliant:** TDI-free, mercury-free, and heavy metal-free, eliminating the regulatory problems, reducing environmental and site hazards.
- **Excellent Adhesion:** Bonds effectively to a variety of substrates and other Beynon polyurethane materials.

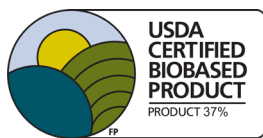
### APPLICATION GUIDELINES

- **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 Part A color component then mix thoroughly two components using 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.

### USDA CERTIFICATION



With **37% biobased content**, this product is part of Beynon's commitment to sustainable and environmentally responsible manufacturing practices.

BEYPUR™ 240 proudly carries the USDA Certified Biobased Product label, validating its use of renewable materials and contribution to reducing environmental impact.

### PHYSICAL PROPERTIES

	Imperial	Metric
Color	Customizable to project needs	
Biobased Polymer Content	37%	
Density (Mixed)	10.25 lbs/gal	1.23 g/cm <sup>3</sup>
Mix Ratio (By Volume)	5A : 1B	
Mix Ratio (By Weight)	83.5% Part A, 16.5% Part B	
Packaging (240 Part A)	Totes (2,600 lbs) Drums (550 lbs)	Totes (1179 kg) Drums (249 kg)
Packaging (Universal Part B)	Totes (2,500 lbs) Drums (500 lbs)	Totes (1137 kg) Drums (227 kg)
Mixed Application Pot Life	45-60 min (100°F)	45-60 min (37°C)
Cure Time	8-10 hours to reach 55-60 Shore A	
Durometer (Shore A)	65 ± 5	
Typical Application Rate	0.50 lbs/ft <sup>2</sup> (2mm liquid application)	2.44 kg/m <sup>2</sup>

### STORAGE GUIDELINES

- **Store in a cool, dry surroundings.**
- **Avoid prolonged storage.** Store within temperature: 40-90°F (4-32°C) for BEYPUR™ 240A. 50-90°F (10-32°C) for BEYPUR™ Universal B.
- **Shelf life:** ~12 months in its original sealed container.

### 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.



ISO 9001  
CERTIFIED



ISO 14001  
CERTIFIED