

TECHNICAL DATA SHEET

BEYPUR™ 280

2-C FORCE REDUCTION ELASTOMERIC POLYURETHANE

PRODUCT FEATURES

- **Two-Component:** 100% solids, chemical setting urethane elastomer for superior durability.
- **Sustainable Innovation:** Incorporates 28% biobased content, supporting both innovation and environmental stewardship.
- **Regulation-Compliant:** TDI-free, mercury-free, and heavy metal-free, eliminating the regulatory problems, minimizing environmental and construction site hazards.
- **Shock Absorbing Base Layer:** Specially formulated to provide a uniform shock absorbing cushion base layer for full-pour running tracks.
- **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. Refer to Beynon systems data sheets for specific priming, substrate, and substrate preparation information.
- **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:** Apply using an appropriate rake or trowel. Do not apply over wet or damp surfaces.
- **Temperature:** Acceptable temperature range for application is 55-130°F (13-54°C).

STORAGE GUIDELINES

- **Store in a cool, dry surroundings.**
- **Avoid prolonged storage.** Store within temperature: 40-90°F (4-32°C) for BEYPUR™ 280A. 60-90°F (15.5-32°C) for BEYPUR™ Universal B.
- **Shelf life:** ~12 months in its original sealed container.

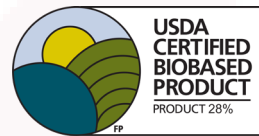
HANDLING PRECAUTIONS

- 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.
- Ensure adequate ventilation during application process.
- BEYPUR™ Universal B contains polymeric isocyanate, do not breathe vapors.

PHYSICAL PROPERTIES

	Imperial	Metric
Color	Customizable to project needs	
Biobased Content	28%	
Density (Mixed)	10.6 lbs/gal	1.27 g/cm ³
Mix Ratio (By Volume)	8A : 1B	
Mix Ratio (By Weight)	8.4A : 1B 89.4% Part A, 10.6% Part B	
Packaging (280 Part A)	Totes (2,750 lbs) Drums (550 lbs)	Totes (1,247 kg) Drums (250 kg)
Packaging (Universal Part B)	Totes (2,500 lbs) Drums (500 lbs)	Totes (1134 kg) Drums (227 kg)
Mixed Application Pot Life	18-22 mins (100°F)	18-22 mins (37°C)
Cure Time	8-10 hours to reach 25-40 Shore A	
Durometer (Shore A)	40 ± 10 (tunable)	
Typical Application Rate	Varies depending on specifications	

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 **28% 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.

