

TECHNICAL DATA SHEET

BEYPUR™ 480-BASE 2-C ELASTOMERIC POLYURETHANE BASE COAT

PRODUCT FEATURES

- **Two-Component:** 100% solids, high polyurethane content, chemical setting urethane elastomer.
- **Force Reduction Base Coat:** Specially formulated to provide a uniform shock absorbing cushion base layer for indoor full-pour running tracks.
- **Regulation-Compliant:** TDI-free, mercury-free, and heavy metal-free, eliminating the regulatory problems, reducing environmental and construction 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.
- **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:** 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 application rake to ensure proper thickness is applied.
- **Temperature & Humidity:** Acceptable temperature range for application is 60-90°F (15.5-32°C). Relative Humidity must be < 75%.

HANDLING PRECAUTIONS

- Refer to the Safety Data Sheet (SDS) before handling or using the product.
- Always wear recommended personal protective equipment (PPE).
- BEYPUR™ Universal B contains polymeric isocyanate, do not breathe vapors.
- Ensure adequate ventilation during application.
- Avoid contact with eyes, skin, and clothing.
- In cases of contact with skin, wash immediately with soap and water.
- In cases of contact with eyes, flush eyes with water for fifteen minutes and obtain prompt medical treatment.

PHYSICAL PROPERTIES

	Imperial	Metric
VOC (Supplied)	0 lbs/gal	0 g/L
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 (480 Part A)	Totes (2,750 lbs) Drums (550 lbs)	Totes (1,247 kg) Drums (249 kg)
Packaging (Universal Part B)	Totes (2,500 lbs) Drums (500 lbs)	Totes (1134 kg) Drums (227 kg)
Mixed Application Pot Life	18-22 min (100°F)	18-22 min (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	

STORAGE GUIDELINES

- **Store in a cool, dry surroundings.**
- **Avoid prolonged storage.** Store within temperature: 40-90°F (4-32°C) for BEYPUR™ 480A. 60-90°F (15.5-32°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