

TECHNICAL DATA SHEET

BEYPUR™ 160

DURABLE WATER-BASED ALIPHATIC POLYURETHANE COATING

PRODUCT FEATURES

- **Eco-Friendly Advantage:** Ultra Low VOC and 100% water-based formulation enhances safety and reduces environmental impact.
- **Elastomeric Aliphatic Polyurethane Formulation:** Provides excellent durability, color retention and long term UV stability.
- **Exceptional Adhesion:** Bonds effectively to a variety of substrates for reliable performance.
- **Abrasion & Wear Resistance:** Engineered for high-traffic athletic surfaces, ensuring durability.
- **Flexible & Resilient:** Designed to withstand movement and impact without cracking.
- **Textured Wear Layer:** Specifically formulated for mixing with EPDM rubber and spray application.

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.
- **BEYPUR™ 160-Additive:** BEYPUR™ 160-Additive is pre-measured for each BEYPUR™ 160 tote or drum and must be thoroughly mixed before application. Once combined, the additive does not impact the coating's shelf life. However, if the mixed coating is not applied within 14 days, an additional 160-Additive should be added and thoroughly mixed again before application to ensure optimal performance.
- **Mixing:** BEYPUR™ 160 and EPDM rubber must be power mixed thoroughly prior to application.
- **Application:** Apply with specifically designed spray equipment in order to maintain a uniform, level surface. BEYPUR™ 160 may be thinned with water in order to achieve desired spray texture.
- **Cure time:** varies based on temperature and humidity. Detailed information on cure time speed is available upon request.

STORAGE GUIDELINES

- **Keep material sealed** to prevent contamination from atmospheric moisture.
- **Store in a dry, well-ventilated area** between 50-80°F (10-26°C).
- **Avoid exposure to freezing temperature** below 40°F (4.5°C).
- **Shelf life:** ~12 months after date of manufacture, in a sealed container and properly stored.

PHYSICAL PROPERTIES

	Imperial	Metric
Solids (Volume)	52-54%	
VOC (Supplied)	< 0.17 lbs/gal	< 20 g/L
Color Availability	All standard colors	
Packaging	Totes (2,626 lbs) Drums (525 lbs)	Totes (1,194 kg) Drums (239 kg)
Recommended Mix Ratio (By Weight)	~ 65% PU ~ 35% EPDM	
Weight	~ 10.5 lbs/gal	~ 1.26 g/cm³
Abrasion Resistance	20 mg (C501 Wheel, 1 kg, 1000 cycles)	
Application Surface Temp.	45° - 120°F	7° - 48°C

HANDLING PRECAUTIONS

Refer to the Safety Data Sheet (SDS) before handling or using the product.

GREENGUARD GOLD CERTIFICATION



BEYPUR™ 160 has achieved Greenguard Gold Certification, ensuring it meets standards for low chemical emissions into indoor air during product usage resulting in a safer indoor air quality. This certification makes it an ideal choice for athletic surfaces where low emissions and environmental responsibility are a priority.

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.

