

TECHNICAL DATA SHEET

BEYPUR™ 100 1-C AROMATIC POLYURETHANE COATING

PRODUCT FEATURES

- **One-Component:** Aromatic, solvent based polyurethane coating designed for use with EPDM rubber granules and spray application to create a textured running track surface.
- **Exceptional Performance:** This product is used in applications where adhesion, abrasion resistance, and flexibility are critical.
- **Standard Colors:** Available in Red and Black.

APPLICATION GUIDELINES

- **Consult** with Beynon Technical Representative for detailed application instructions.
- **Surface Preparation:** Clean the substrate thoroughly using mechanical means, such as an aggressive scrubber/sweeper or pressure washing. Ensure the surface is clean, dry, free from oil, grease, dirt, foreign residue, or other contaminants.
- **Application:** Apply with specifically designed spray equipment used for surfacing applications.
- **Cure time:** Varies based on temperature and humidity. Cure time is accelerated by higher temperatures and higher relative humidity. Detailed information on cure time speed is available upon request.

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.

STORAGE GUIDELINES

- **Keep material sealed** to prevent contamination from atmospheric moisture.
- **Store in a dry, well-ventilated area** between 40-104°F (5-40°C).
- **Shelf life:** ~ 6 months in a sealed container.

PHYSICAL PROPERTIES

	Imperial	Metric
Solids (By Volume)	~ 90%	
VOC Content	< 0.75 lbs/gal	< 90 g/L
Viscosity	~ 2,500 cps (74°F)	~ 2,500 cps (23°C)
Density	~ 10.1 lbs/gal (74°F)	~ 1.21 g/cm ³ (23°C)
Packaging	Totes (2,500 lbs) Drums (500 lbs)	Totes (1,134 kg) Drums (227 kg)
Typical Application Rate	3.2 - 3.6 lbs/yd ²	1.7 - 2.0 kg/m ²
Abrasion Resistance	20 mg (C501 Wheel, 1 kg, 1000 Cycles)	
Application Surface Temp.	45°F - 120°F	7°C - 48°C

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
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