

# TECHNICAL DATA SHEET

## BEYPRIM™ 20 1-C POLYURETHANE PRIMER

### PRODUCT FEATURES

- **One-Component Formulation:** Solvent-based polyurethane primer for easy application.
- **Zero-VOCs:** Environmentally friendly with no volatile organic compounds.
- **Adhesion Promotor:** Enhances bonding strength for new polyurethane coatings.
- **Versatile Surface Compatibility:** Suitable for existing surfaces including asphalt, wood, and polyurethane.
- **Optimized for Resurfacing:** Recommended as a primer before applying new polyurethane coatings.

### APPLICATION GUIDELINES

- **Consult** with Beynon Technical Representative for detailed application instructions.
- **Surface Preparation:**
  - Clean the substrate using mechanical methods (aggressive scrubber/sweeper) or pressure washing.
  - Ensure the surface is clean, dry, free from oil, grease, dirt, and any foreign residue before application.
- **Application:**
  - For optimal uniform coverage, airless spray application is recommended.
  - Can also be applied using a roller.
  - The primed surface is ready once the film has formed and is dry to the touch.
- **Curing & Additional Conditions:**
  - Cure time accelerates in higher temperatures and higher relative humidity.
  - Primed surfaces should be coated within 24 hours.
  - Do not apply in thick layers.
  - Acceptable application temperature range is 50-100°F (10-38°C).
  - Do not apply over wet or damp surfaces.

### 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.

### PHYSICAL PROPERTIES

	Imperial	Metric
VOC Content	< 0.001 lbs/gal	< 0.05 g/L
Solids	60% (By Volume)	
Packaging	Custom per Order	
Density	~ 8.8 lbs/gal (77°F)	~ 1.05 g/cm <sup>3</sup> (25°C)
Flash Point	60°F	15°C
Viscosity	~ 800 cps (74°F)	~ 800 cps (23°C)
Typical Application Rate	0.15-0.25 lbs/yd <sup>2</sup> 300-500 ft <sup>2</sup> /gal	0.08-0.14 kg/m <sup>2</sup> 8-12 m <sup>2</sup> /L

### STORAGE GUIDELINES

- **Keep material sealed** to prevent contamination from atmospheric moisture.
- **Store in a dry, well-ventilated area** between 50-90°F (10-32°C).
- **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.

