

# TECHNICAL DATA SHEET

## BEYCOAT™ 75

### HIGH PERFORMANCE WATERBORNE ALIPHATIC POLYURETHANE TOPCOAT

#### PRODUCT FEATURES

- **Semi-Gloss Finish:** Provides sleek, professional appearance designed for elastomeric polyurethane athletic flooring systems.
- **Aliphatic Polyurethane Formulation:** Offers excellent UV stability and long-lasting durability.
- **Superior Surface Protection:** Exceptional resistance to marring, abrasion, and discoloration.
- **100% Water-Based:** providing substantial improvements in application environment and safety during use.
- **Optimized Application:** Designed for airless spray or roller application for uniform coverage.

#### APPLICATION GUIDELINES

- For best results, BEYCOAT™ 75 should be **applied within 24 hours** to the newly installed Beynon polyurethane elastomer flooring system or other approved Beynon products.
- Ensure all spray equipment is clean and solvent free.
- Mix the 75 additive into the BEYCOAT™ 75 color base using an electric mixer or an air mixer with a blade size suitable for the container being used.
- Mix only enough material to **use within 4-8 hours**.
- Apply uniform coat at a wet film thickness of **6.5-7.0 mils**, or application rate **175-225 ft<sup>2</sup>/gal (4.3-5.5 m<sup>2</sup>/L)**.
- After use, clean all equipment thoroughly with water. This material is extremely difficult to remove once thoroughly dried.
- Allow coating to dry at a temperature **>65°F (>18°C)** with adequate ventilation for **16 hours** or until dry enough for light traffic.
- Line with BEYCOAT™ 75 line paints within 24-48 hours after topcoat has dried.
- Restrict traffic on floor for 7-10 days.

#### STORAGE GUIDELINES

- **Keep material sealed** until ready for use 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).

#### PHYSICAL PROPERTIES

	Imperial	Metric
Color	Customizable to project needs	
Packaging	4 Gallon Kits 1 Gallon Kits	15.2 Liter Kits 3.8 Liter Kits
VOC's	< 0.21 lbs/gal	< 25 g/L
Viscosity	1000-1500 cps (78°F)	1000-1500 cps (25°C)
Application Rate	175-225 ft <sup>2</sup> /gal	4.3-5.5 m <sup>2</sup> /L
Solids Content (Volume)	35-40%	
Tensile Strength	> 2600 psi	> 18 N/mm <sup>2</sup>
Elongation	> 200%	
Gloss Level	15-25 (85°)	
Mixed Pot Life	1 Week	

#### HANDLING PRECAUTIONS

Consult Safety Data Sheets before handling or using these materials.

#### 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