

PRECIDIUM™ Aqua 50D Aliphatic Polyurethane Elastomer

DESCRIPTION

PRECIDIUM™ Aqua 50D is a one-component water-based aliphatic polyurethane elastomer. It is ideally suited as a topcoat for aromatic polyurethane and polyurea elastomers, where exceptional weather resistance and colorfastness is required.

Aqua 50D is available as a white tint base or a clear coat in both gloss and matte finish and it can be custom tinted with universal colorants.

FEATURES

- Outstanding weatherability, 30-minute cure time, and a long pot life.
- Excellent abrasion resistance even at high temperatures.
- Highly resistant to impact over wide temperature range.
- Resistant to cracking under high flex conditions.
- Remains flexible at low temperature.
- Resistant to water and a wide range of chemicals
- Can be tinted to a wide range of colors.

PROPERTIES

Density	1.12 g/ml
Service Temperature	-50°C (-58° F) to 130°C (266° F)
Shore D Hardness	80A to 90A approx.

AVAILABILITY

Aqua 50D is packaged in 5 US Gallon pails and 1 US Gallon cans. Crosslinker is packaged in 500 mL or 1 Gallon cans.

STORAGE

Store in a cool and dry place for product integrity. Store in tightly sealed containers to protect from moisture and foreign materials.

PRODUCT SAFETY

An MSDS is available on request from Quantum Technical Services Ltd.

INSTRUCTIONS

When using crosslinker for enhanced durability and chemical resistance, add crosslinker directly to **Aqua 50D** as per the instructions on the label and mix well. Add 1 quart of Crosslinker to a 5 gallon pail, or 7 ounces of Crosslinker to one gallon. Stir every 10 minutes for 30 minutes before application.

Aqua 50D will thicken after induction. Use clean water to reduce application viscosity. Do not exceed 10% water. Cross-linked **Aqua 50D** should be used within eight hours.

Check compatibility of universal colorants before use.

OTHER

Recommendations for the use of our products are based on the specifications of this technical data and the test results published herein. Manufacturer and seller are not responsible for results where the product is used under any conditions outside those specified or beyond our control. The purchaser of this product must rely on his own judgement in determining suitability for his purpose, and in applying directions as to handling and use specified herein. Quantum makes no warranty, expressed or implied, except that if this product proves on inspection to be defective, Quantum will replace such quantity of the product proven to be defective or refund the purchase price of defective product. Labour costs and other consequential damages are hereby excluded. No representative or purported agent of Quantum has the authority to change this warranty. The information contained herein is subject to change without notice. If in doubt, contact your Quantum Representative for current Technical Data Sheets (TDS).