

PRECIDIUM™ 650DPW

DESCRIPTION

PRECIDIUM™ 650DPW is a 100% solids high performance two-component polyurea elastomer that can be used for heavy-duty industrial applications. It has excellent resistance to a wide range of chemicals, coupled with superior physical properties and is suited to industrial potable water tank linings.

PRECIDIUM™ 650DPW is a fast set system intended for use with plural component spray equipment with a mix ratio of 1 to 1.

FEATURES

- 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.
- Based on the normalized concentration from laboratory test samples, **PRECIDIUM™ 650DPW** is in compliance with the passing requirements of NSF/ANSI 61-2009 for Drinking Water Criteria with a minimum tank size of 100,000 gallons. Contact Quantum Chemical for full test.

PROPERTIES OF CURED PRODUCT

Volume Solids	100%
VOC	0
Density	1.10 g/ml
Service Temperature	-50°C (-58°F) to 130°C (266°F)
Shore Hardness	40D to 55D approx.
Elongation	211%
Tensile Strength	3225 psi
Tear Strength	426 lb/in

STORAGE

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

AVAILABILITY

PRECIDIUM™ 650DPW is packaged in 52.9 US Gallon drums.

INSTRUCTIONS

For application use a regulated high-pressure proportioner (1:1) and spray gun system capable of producing 1600-2700 psi. Thoroughly mix RESIN for 45 to 60 minutes prior to use. Preheating RESIN and ISO to approximately 80° F will improve performance.

Recommended Heat Settings.

Line/Pre-Heaters 140°-150° F

Hose Heat 140°-150° F

Apply only to properly prepared substrate. Apply first coat at less than 10 mil and allow to become tack free before continuing. Apply following coats at 20 mil per coat and allow surface to become tack free before application of subsequent coats. Spray with uniform motion and allow 50 to 75% overlap.

PRODUCT SAFETY

An SDS is available from Quantum Chemical.

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 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 Chemical makes no warranty, expressed or implied, except that if this product proves on inspection to be defective, Quantum Chemical 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 Chemical has the authority to change this warranty. The information contained herein is subject to change without notice. Contact Quantum Chemical for current Technical Data Sheets (TDS).