



System 550D-FR

Quantum Coatings is a proud member of the Quantum Group of companies.

DESCRIPTION

System 550D-FR is a fire resistant, zero VOC, high performance polyurea elastomer. System 550D-FR is designed to provide a flame resistant, durable, chemical resistant lining for secondary containment applications and as a surface coating for metal, concrete or wood.

System 550D-FR is a fast set system which allows fast "return to service". It is intended for use with plural component spray equipment with a mix ratio of 1 to 1.

PROPERTIES

Flame Spread Classification (ASTM E84)	20
Smoke Developed Classification (ASTM E84)	115
Service Temperature	-50 to 200 C
Shore Hardness	50D approx.
Elongation	200%
Tensile Strength	1500-2000 psi

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

For details an MSDS is available from Quantum Coatings.

*Approximate values only. Should not be considered specifications. This data sheet is intended for general information only. Updated: November 1, 2001

INSTRUCTIONS

For application use a regulated high-pressure proportioner (1:1) and spray gun system capable of producing 2000 - 2500 psi. Thoroughly mix RESIN for 45 to 60 minutes prior to use. Preheating RESIN may be necessary to achieve uniform mix. Check that no residue is left on bottom of drum after mixing.

Recommended Heat Settings.

Line/Pre-Heaters	150° - 160° F
Hose Heat	150° - 160° 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.

FEATURES

- Flame resistance.
- Excellent abrasion resistance.
- 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.

AVAILABILITY

System 550D-FR is packaged in 50 US Gallon drums.

OTHER

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. Quantum makes no warranty, expressed or implied, except that if this product proves on inspection to be defective, Quantum will replace it or refund the purchase price. Labour costs and other consequential damages are hereby excluded. No representative or purported agent of Quantum has the authority to change this warranty.