



# System 180A

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

## DESCRIPTION

**System 180A** is a 100% solids high performance two component polyurea/urethane hybrid elastomer. **System 180A** is ideally suited for commercial applications.

**System 180A** is a fast set system intended for use with plural component spray equipment with a mix ratio of 1 to 1.

## PROPERTIES

(of cured product\*)

Density	1.10 g/mL
Service Temperature	-50°C to 200°C.
Shore Hardness	35D to 50D approx.
Elongation	approx. 100%
Tensile Strength	2300 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: January, 2004

## INSTRUCTIONS

For application use a regulated high-pressure proportioner (1:1) and spray gun system capable of producing 1500 - 2500 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	130° - 150° F
Hose Heat	130° - 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.

## 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.
- Can be tinted to a wide range of colors.

## AVAILABILITY

**System 180A** 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.