

URS 5960**100% SOLIDS BRUSHABLE URETHANE SYSTEM****60 SHORE D****DESCRIPTION**

URS 5960 is a room temperature curing, two component urethane designed for easy mixing and application. Apply 150 mils thickness in one application without sagging or slumping. Cures to a hard coating, 60 Shore D, in varied environments. Excellent for lining a protecting hoppers, chutes, fans, pumps, vibrating and pneumatic conveying equipment, Styrofoam feature articles.

**LIQUID
PROPERTIES**

Appearance
Weight per Gallon
Viscosity 7 Deg F

ISO 1090A

Clear / Lt. Amber
9.80-10.00
5000-7000cps

AMN 10100B

Black
8.30-8.70
100-300cps

MIXED

Grey
9.50-9.70
(semi-putty)

PHYSICAL PROPERTIES

Hardness, Shore D	58-62
Tensil Strength, psi	3900
Elongation,%	220
Tear Strength, Die C	450

SURFACE PREPARATION

Completely clean and dry all surfaces to be coated. Fiberglass, rubber, wood, galvanized, aluminum, stainless steel, brick and concrete are acceptable surfaces. All substrate should be prepared with proper adhesives. Metal surfaces should be sandblasted per SSPC – SP 5-63 “White Metal Blasting Cleaning”

- Concrete surfaces should be acid etched for immersion applications.
- A 4 mil surface profile is desirable.

If an adhesive is required use FORSCH ADHESIVE 1001.

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PROCESSING PARAMETERS

Apply with a brush, initial build for one coat is 50 mils. 150 mils maximum build for uncured coating.

MIXING INSTRUCTIONS

- A. Stir Part B thoroughly and pour into Part A container
- B. Mix 1 ½ to 2 minutes in container using wood mixing stick (a rapid figure 8 stirring motion is best to ensure good mixing with least air entrapment.)
- C. Transfer mixed compounds to clean plastic or metal container and mix for 1 minute more.
- D. If mixing less than full contents, use mix ratio of 100.00 Part A to 18.00 Part B by weight. Accurate mixing is critical for the best performance of this product.

POT LIFE: 8-12 minutes at 75 Deg F

CURE TIME: 80% Cure 24 hours @ 75 Deg F.
100% Cure 48 hours @ 75 Deg F.

LIMITATION: Part A must be clear and fluid when used. Exposure to cool temperatures below zero Deg F. or to extend storage below 30 Deg F. may cause Part A to crystallize. This will not harm Part A, however, it must be warmed at 90 to 150 Deg F. until Completely melted. Cool to room temperature before using.

STORAGE

Systems should be stored unopened in air tight containers at 60 – 90 degrees F. Partially emptied containers should be swept free of atmospheric moisture with dry nitrogen before sealing.

HANDLING PRECAUTIONS

For complete and updated health and safety information, read the MATERIAL SAFETY DATA SHEETS. Do not handle or use until the MATERIAL SAFETY DATA SHEET has been read and understood.