FORSCH POLYMER CORP.

TECHNICAL DATA BULLETIN

URS 5660

100% SOLIDS TROWLABLE URETHANE SYSTEM

DESCRIPTION

URS 5660 is a room temperature curing, two component urethane putty designed for easy mixing and application. Apply 250 mils thickness in one application without sagging or slumping. Cures to a medium hard coating, 60 Shore A, high performance polyurethane. Excellent resistance to abrasion and corrosion in varied environments. Excellent for lining and protecting hoppers, chutes, fans, pumps, vibrating and pneumatic conveying equipment.

LIQUID PROPERTIES	ISO 580A	AMN 2030B	MIXED
Appearance	Clear/Lt. Amber	Black	Dark Grey
Weight per Gallon	9.2 lbs.	8.5 lbs.	8.75 lbs.
Viscosity 75 Deg F	4100 cps	28 cps	44,000 cps (putty)

PHYSICAL PROPERTIES

Hardness, Shore A	60
Tensile Strength, psi	1250
Elongation, %	475
Tear Strength, PLI	165
Resilience, %	30
Abrasion Resistance, (Taber Index) H - 18 Wheel 1,000 Cycles	115 mg Loss

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 used FORSCH ADHESIVE 1001.

PROCESSING PARAMETERS

Apply with a brush, trowels or putty knife, initial build for one can be as high as 350 mils.

MIXING INSTRUCTIONS

A. Stir part B thoroughly and pour into part A container.
B. Mix 1-1/2 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 parts A to 11.0 part B by weight. Accurate mixing is critical for the best performance of this product.

POT LIFE : 35 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 extended 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 100 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.

This product is warranted to be of uniform quality within manufacturing tolerances. Since no control is excercised over its use, no warranty, expressed or implied, is made as to the effects of such use. The obligation herein shall be limited to refunding the purchase price of that portion of the material proven to be defective.