

Revised 7/12/13

URS 5488

100% SOLIDS, 3 TO 1 BY VOLUME, QUICK SET ELASTOMERIC URETHANE SPRAY SYSTEM

88 SHORE A

DESCRIPTION

URS 5488 is a medium viscosity, polyether based elastomeric spray system with good durability and excellent chemical resistance at a 3 to 1 by volume mix ratio. **URS 5488** is recommended for applications where flexibility, chemical and abrasion resistance in a quick set spray system are of consideration, such as flumes, chute liners, truck beds, hopper bins and pump housing etc,

FEATURES

100% Solids
High Abrasion Resistance
Excellent Tensile Strength
3 to 1 By Volume
No MOCA
Quick Setting
Outstanding Chemical Resistance

LIQUID

<u>PROPERTIES</u>	<u>ISO 710A</u>	<u>AMN 4000B</u>	<u>MIXED</u>
Appearance	Clear Liquid	Dark Amber Liquid	Lt. Amber Liquid
Viscosity (cps)	18,000-22,000 (77F)	300-600 (77 F)	14,000 – 17,000 (77F)
Density (lbs/gal)	8.80 – 9.10	8.10-8.70	8.75 – 8.95

PHYSICAL PROPERTIES

Hardness, Shore A	88
Modulus, psi, 100%	1240
Tensile Strength, Ultimate, psi	4265
Elongation, %	480
Tear Strength “Die C “ lbs / in	440
Compression Set, Method B	17
Bayshore Rebound	46

URS 5488 Cont:

PROCESSING PARAMETERS

Melt and process ISO 710A and AMN 4000B at 120 to 160 degrees F.

Surface Temperature: 65 to 110 degrees F.

Mix Ratio: 3 parts ISO 710A to 1 part AMN 4000B by volume or 100 parts ISO 710A to 31.5 parts AMN 4000B by weight.

Pot life: Instant Set

Service Time at 70-90 deg. F.	50%	Physicals when cool
	80%	6 Hours
	100%	48 Hours

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.