



Designed Solutions.

Ultra-Build Epoxy Lining System

- DESCRIPTION:** A 4.3:1 ratio, Ultra High Build epoxy system formulated for spraying or hand application. Use with 4.3:1 ratio proportional equipment or by hand.
- CHARACTERISTICS:** Formulated to product excellent bond and chemical resistance to the host substrate. The ability to apply higher buildup per pass.
- APPLICATION:** Our experienced team will assist in qualifying your existing equipment or offering carefully calibrated equipment for use with the SLS Series product line. The epoxy component utilizes a 4.3.1 ratio by volume. The SLS Series is only applied to qualified applicators or consultants within in the Citadel Technologies Network.
- ADVANTAGES:**
- Ultra High Build Capability
 - Applied to corroded substrates above 180F
 - Formulated to set at higher temperatures
 - No VOCs
 - Excellent adhesion to steel and concrete
 - High Chemical resistance
- HANDLING:** There is no special safety or handling procedure beyond those published on the MSDS.

LIQUID PROPERTIES

Color	Taupe
Pot Life (100 g mass@ 77F)	12 mins
Set Time (100 mils @ 77F)	3.0 Hours
Mix Ratio	4.3:1
Combined Weight	9.6 lbs/gals

PHYSICAL PROPERTIES (1/8" CASTING OR 125 MILS CASTING)

Hardness	78-84 (Shore D)
Tensile Strength (ASTM D638)	8,600.00 PSI
Tensile Modulus (ASTM D638)	4.7 x 10 ⁵ PSI
Tensile Elongation @Break	>3.5
Adhesion (Concrete) (ASTMD3983)	Substrate Failure
Adhesion (Steel) (ASTMD3983)	1,200 PSI

