

MINIFIBERS, INC.

SUGGESTED STARTING FORMULATION FOR "ASBESTOS FREE" SPLASH ZONE COATING TWO PART EPOXY SOLVENT FREE CONTAINING SHORT STUFF® POLYETHYLENE E380F

MATERIALS:

	<u>% by weight</u>
Part A:	
Araldite® 6005 Epoxy Resin.....	16.0
Araldite® 6010 Epoxy Resin.....	16.0
Ti-Pure® R-900-01.....	5.5
Imsil® A-15.....	39.0
MiniFIBERS' SHORT STUFF® Polyethylene E380F.....	1.5
Claytone® 34.....	2.0
Part B:	
Araldite® 830 Hardener.....	10.0
Araldite® 850 Hardener.....	10.0
	100.0

MIXING PROCEDURE:

Part A:

Add Araldite® 6005 and Araldite® 6010 to mixer; slowly add Ti-Pure® R-900-01, Imsil® A-15, and half of the SHORT STUFF® E380F. Mix until smooth; add remainder of SHORT STUFF® Polyethylene E380F and Claytone® 34 (anti-sag agent) and mix for ten minutes.

Part B:

Add Araldite® 830 and Araldite® 850 to a separate mixer and mix for five minutes.

PHYSICAL PROPERTIES:

Non-Volatiles.....	100%
Epoxy/Hardener Ratio.....	100/60
Hardener 830/850 Ratio.....	1/1
Pigment/Binder Ratio.....	47/53
Density, 25°C.....	13.5 lbs./gallon
Viscosity, 25°C (Parts A & B).....	100,000 cps
Film Thickness.....	6-120 mils
Shelf Life.....	12 months in unopened container

PERFORMANCE:

Application - Brush or mitt.

(Underwater, sandblast to one-two feet below water or tide level). Use gloves and apply by hand at 1/8" to 1/4" thickness.

Apply in ring above water line and smear up and down over area to be covered, then feather edges.

Substrate - Steel or concrete.

Appearance - Smooth, white to cream-colored film.

Adhesion - Excellent.

CURE SCHEDULE:

To Touch.....	4 hours at 25°C
Full Cure.....	7 days at 25°C and 50% RH

CHEMICAL RESISTANCE

To immersion at 25°C (continuous):

Water.....	2 years, excellent, no effect
Sodium Hydroxide (20%).....	2 years, excellent, no effect
Hydrochloric Acid (10%).....	2 years, excellent, no effect

See page 2 for further information.

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