

ULTRA-FLEX™ EP-990C

CHEMICAL / CORROSION RESISTANT CYCLOALIPHATIC AMINE EPOXY for CONCRETE SEALING

ULTRA-FLEX™ EP-990C is a slow setting medium solids epoxy developed especially for applications where the potential for cold wall blistering and moisture migration exists in concrete substrates. ULTRA-FLEX™ EP-990C is highly effective against fuel oil, high end solvents, oxidizing chemical combinations and severe caustic and acidic environments. ULTRA-FLEX™ EP-990C adds integrity to old concrete surfaces and adds resistance to cracking from substrate movement. Durable and highly abrasion resistant, ULTRA-FLEX™ EP-990C will withstand some of the harshest industrial environments when used as a curing agent for concrete and in conjunction with ULTRA-FLEX™ Polyurethane Waterproofing Membranes. ULTRA-FLEX™ EP-990C has excellent penetrating adhesion to concrete and other types of masonry. ULTRA-FLEX EP-990C was developed to provide a barrier to moisture when coating with highly flexible polyurethane and polyurea coatings to form impermeable barriers to caustic and acidic solutions.

Test	Description	Results
ASTM G-8 (Modified)	Cathodic Disbondment 92 days @0-250°F -1.0V, 3% NaCl	Under 1mm/ small chips only, Pass
ASTM D 4541	Pull Force Adhesion—Ambient Environment Elkometer	1487 PSI
ASTM 4060 CS	Taber Abrasion—17 wheel 1000g wt/1000 cycles No loss of adhesion.	Wt. Loss <181 mg.
ASTM D- 968	Falling Abrasive 20 mesh coal, 25,000 ml of abrasive across surface	Wt. Loss—Nil
PHYSICAL PROPERTIES		
CURE TIME		2-4 HOURS
POT LIFE		2 HOURS
MIX RATIO (A:B)		2:1
WEIGHT PER GALLON		8.40 (blended weight)
PERCENT SOLIDS		63.5%
SHORE D HARDNESS		>85
VOLATILE ORGANIC CONTENT		<340 G/L

LAVA-LINER®

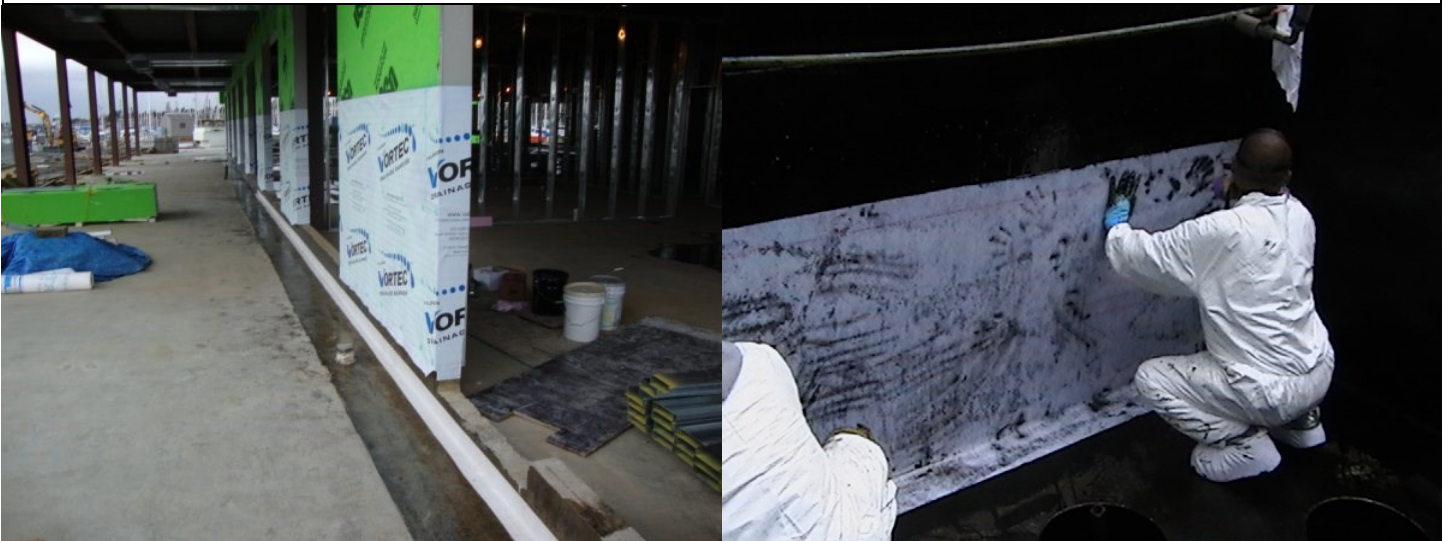
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PREPARE CLEANED SURFACES BY COATING WITH ULTRA-FLEX EP-990C



STRIP IN JOINTS WITH POLYESTER FABRIC
FULLY IMBED FABRIC FOR FULLY REINFORCED SYSTEM



FINISH WITH COAT OF ULTRA-FLEX WATERPROOF MEMBRANE

