



MECHANICAL REINFORCEMENT

XCorr® 200 Composite Repair Kit

MANUFACTURED BY **INDUMAR SYSTEMS, LP** · DISTRIBUTED BY **ECS**



A filled, novolac epoxy resin paired with a non-crimp, high-strength **quadraxial fiberglass weave** to deliver superior mechanical reinforcement and chemical resistance — a PCC-2 compliant composite that returns compromised pipe to service **without costly replacement**.

When pipe strength has been compromised due to corrosion or mechanical damage, XCorr® 200 Composite Repair Kits provide a path to return to service without costly pipe replacement. The high-performance epoxy resin and advanced-weave fiberglass reinforcement create a **PCC-2 compliant composite** — easy to install, yet delivering superior mechanical strength and high chemical resistance.

Key Attributes

- Novolac epoxy resin yields exceptional chemical resistance
- **100% solids**, no VOCs
- 3:1 mixing ratio (pre-measured)
- Cartridge dispensing minimizes waste and ensures complete mixing
- Quadraxial fiberglass weave provides multidirectional mechanical reinforcement
- Outstanding tensile, compressive, and adhesive bond strength
- PCC-2 repair calculation package available upon request

HANDLING & APPLICATION

Mixing Ratio	3:1 (pre-measured)
Tape Width	12.5"
Resin Cartridges	400 mL or 1.0 L
Shelf Life (A / B)	12 mo @ 75°F
Storage Temp	32-100°F
Application Temp	50-140°F (10-60°C)
Surface Prep	SSPC-SP10 / SP6

Kits include static mixers, spreaders and gloves. Two-part dispensing guns sold separately. Surfaces must be cleaned of all oil and debris and dried; bright-metal finish desired.

24,300 psi
TENSILE STRENGTH

450°F
MAX HEAT (DRY)

24 hr
FULL STRENGTH

RESIN (AT 75°F / 24°C)

Pot Life	35 minutes
Dry to Touch	6 hours
Full Mech. Strength	24 hours
Full Chem. Resistance	24 hours

COMPOSITE PROPERTIES

Layer Thickness / ply	0.06 in
Tensile Strength	24,300 psi
Tensile Modulus	2.18x10⁶ psi
Lap Shear Adhesion	1,480 psi
Compressive Strength	27,000 psi
Flexural Yield	9,600 psi
Shore D Hardness	84
Heat Resistance	-20 to 450°F dry

Per ASTM D 3039 / D 3165 / D 685 / D 790 / D 785. Consult chemical compatibility to gauge wet-service performance.

LEAK
SEALING

**MECHANICAL
REINFORCEMENT**

WEAR
RESISTANCE

CHEMICAL
RESISTANCE

CORROSION
CONTROL



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