THE JENNISON-WRIGHT CO.

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JURA-POXY™ #30

Epoxy Floor Repair Kit

As a Pre-packaged unit containing
aggregate, Part A (Base) & Part B (Reactor)
(Also available without aggregate as a flowable liquid only)

Jura-Poxy is a two component, structural epoxy, primarily used for coating and resurfacing damaged concrete. It's used for waterproofing and protecting floors against corrosion and deterioration caused by water, chemicals, and heavy traffic. Jura-Poxy can be mixed with sand to make a trowelable mortar. It can also be made into a flowable grout for filling holes or cavities. Jura-Poxy can be used as a coating and be applied by brush, roller or squeegee. For a non-skid surface, sand can be broadcast in the first coat while still wet. Jura-Poxy is supplied in units consisting of three separate components, each in correctly measured amounts. No additional materials are required. When these three components have been properly blended and mixed together, a Jura-Poxy mortar results which will produce a hardfaced, skidproof and corrosion resistant topping.

STRUCTURAL PROPERTIES

JURA-POXY versus CONCRETE

Jura-Poxy	**Concrete Mix**	
standard compound	cement 1pbw	ASTM C 150-52 Type 2
	sand	2pbw
	aggregate	3pbw (3/8" gravel)

Tests following 28 days aging

Rockwell Hardness
100kg. load - 1/4" ball penetrator - one inch thick specimens used.
RESULTS: Concrete..... M-60
JURA-POXY..... M-75

Shrinkage
RESULTS: Concrete.....0.0012 in./in.
JURA-POXY.....0.0010 in./in

Compressive Strength ASTM C109-58
RESULTS: Concrete: after 3 days…….3,100 p.s.i.
after 28 days.....3,730 p.s.i.
JURA-POXY: after 3 days……..6,610p.s.i.
after 28 days.....10,500p.s.i.

Vicat Softening
RESULTS: Concrete: indeterminable
JURA-POXY: Max. penetration from 75-400°F, 3,000gm. load, 75°F taken as zero point.
200°F .....0.122 mm.
400°F.....1.845 mm.

Abrasion
Test run on 1/4" thick specimens, using #60 carborundum, 88 ounce load. Loss in thickness per 1500 cycles.
RESULTS: Concrete .....0.0344 in.
JURA-POXY.....0.0070 in.

Flexural Properties
RESULTS: Concrete: No test run
JURA-POXY: Ultimate flexural strength: 20,200 p.s.i.
Modulus: 3.97 x 106 p.s.i.
Max. deflection: 0.437 in.

Tensile Strength ASTM C 190-58
RESULTS: Concrete..... 250-450 p.s.i.
JURA-POXY..... 1,640 p.s.i.

Adhesion to Steel
RESULTS: Concrete: Not run, specimen breaks
JURA-POXY:..... 1,340 p.s.i.

Impact (falling ball)
RESULTS: Concrete: (28 day cure) at 77°F...10.1 ft./lbs.
(2" thick) at32°F…10.0 ft./lbs.
JURA-POXY:(28 day cure) at 77°F... 9.5 ft./lbs.
(1/4" thick) at 32°F....9.5 ft./lbs.
JURA-POXY:(180 days) at77°F…10.7 ft./lbs.
at32°F…10.8 ft./lbs.

PACKAGING:
JURA-POXY is available in kits that cover approximately 60 square feet at 1/16" topping or approximately 30 square feet at 1/8" topping.