

DIY Crack Injection Kit – Surface Sealer / Port Adhesive Product Data Sheet

PRODUCT DESCRIPTION

RadonSeal Surface Seal and Port Adhesive is a two-component (mix ratio 1:1), high modulus epoxy gel, designed for attaching surface ports and for surface sealing of cracks prior to injection. It can also be used for bonding materials to concrete.

APPLICATION

Surface preparation is critical for optimal performance. Concrete surfaces should be cleaned by wire brushing or other mechanical means. All loose or unsound material must be removed. Surfaces should be dry and dust free to insure a strong bond. Application onto wet surfaces is not recommended.

CLEAN UP

Equipment and surfaces should be cleaned before the epoxy hardens. Removing cured surface sealer can be extremely difficult. For best results, use Methyl Ethyl Ketone (MEK), Xylene, or Acetone.

SAFETY PRECAUTIONS

Users are encouraged to review the Safety Data Sheet before working with chemicals to understand potential hazards and appropriate safety precautions.

COVERAGE

When properly applied, each DIY Crack Injection Kit includes enough surface sealer/port adhesive to cover about 8-10 linear feet of crack.

Recommended application: Surface seal should be approximately 1/8" thick, extend roughly 2" on each side of the crack, and completely cover the base of each injection port.

PACKAGING

Product is packaged in jars (1 jar 8 oz. Part A, and 1 jar 8 oz. Part B).

PERFORMANCE DATA

Tensile Strength	ASTM D - 638	6,000 psi
Tensile Elongation	ASTM D - 638	3-4%
Compressive Strength	ASTM D - 695	13,500 ps
Bond Strength	ASTM C - 321	2,400 psi
Flexural Strength	ASTM D -790	8,000 psi
Deflection temp	ASTM D - 648	190°F

PROPERTIES

Solids By Volume:

Part A: 100%, Part B: 100%

Color:

Part A: White, Part B: Black, Mixed: Grey

Shelf Life:

Part A: 2 years, Part B: 2 years

Weight By Gallon

Part A: 10 lbs, Part B: 10 lbs

Pot Life (mixed): 10-20 minutes

Gel Time: 1-2 hours

Final Cure: 1-3 days

Viscosity: Non-sag gel

Hardness (Shore): 80D

Ultimate Pull Out Strength: 18,000 lbs

LIMITED WARRANTY INFORMATION

The information and recommendations made are based on our own research and the research of others, and are believed to be accurate. Because conditions and methods of use of our products are beyond our control, this information should not be used in substitution for customer's tests to ensure that the Product is safe, effective, and suitable for its intended end use. Novion, Inc. specifically disclaims liability for any incidental, consequential or other damages including but not limited to, loss of profits or damages to a structure or its contents.

NOTE: Read and understand the product SDS prior to use.