



MightyPoxy P1

A unique multi-purpose gap filling epoxy paste and adhesive for a multitude of civil construction uses.

Description	UCC MightyPoxy P1 filler and adhesive compound is a simple two-part mix, easy to use and fulfills multiple end use applications in civil construction.
Uses	UCC MightyPoxy P1 will fill and bond concrete, bricks, ceramics, grouting bolts, metals, fiberglass, cement sheet, natural stone and various timbers.
Features	<ul style="list-style-type: none"> - Free of Volatile Organic Compounds - Easy 1:1 mixing ratio - Cold applied - Unaffected by water, acid, salts, or bacterial attack - Cures under cold, damp conditions - Great '<i>hang</i>' characteristics on vertical and undersides - Ease of application at high and low temperature extremes - Excellent tensile strength - High retained strength post immersion
Application	<ul style="list-style-type: none"> - Steel substrate: Blast to Sa2.5 finish, or abrade with abrasive disc. - Concrete substrate: Degrease substrate, remove all laitance by scabbling, grit blasting or grinding. If mechanical preparation is not possible, acid etch substrate with 1:1 mixture of concentrated hydrochloric acid and tap water. Brush on to substrate and allow to stand for 10 minutes. Scrub dry substrate with stiff brush to remove sand residue. - Dispense equal amounts of parts A and B. - Mix thoroughly so a homogenous mix is achieved. - Apply by trowel or spatula to the cleaned substrate.

Properties	Value
Tensile Strength	46 MPa
Tensile Shear Strength	15 MPa
Compressive Strength	82 MPa
Flexural Strength	20 MPa
Elastic Modulus	2000 MPa
Application Temperature	5°C to 45°C
Service Temperature	-20°C to 80°C
Working Time	1 hr @ 25°C
Initial Cure Time	24 hrs @ 25°C
Full Cure Time	4 days @ 25°C
Flash Point	> 100°C
Density	1.6 kg/ltr

Product Packaging			
Unit Size (kg)	Unit Packaging	Unit / Carton	Carton Weight (kg)
4	Tub	4	26
20	Drum	1	32

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The above information is given in good faith based on data and knowledge considered to be true and accurate and is offered for the user's assistance.