

# VX Savior InjectMaster 1333

VX Savior InjectMaster 1333 is a two-component solvent-free epoxy resin Injection grout designed for structural crack repair. Its low-viscosity ensures deep penetration, providing high bond strength and good adhesion to damp surfaces. With an extended pot-life, it allows for efficient injection, ensuring long-term structural integrity.

### **FEATURES AND BENEFITS**

- High Elastic Modulus Optimize stress transfer at the bond interface
- High Heat Deflection Temprature (HDT) Resistance to creep under high service temperatures
- Low Viscosity Penetrates microcracks < 0.1mm effectively
- High Bond Strength Ensures monolithic integrity of grouted areas'
- Good Bond to damp surfaces Advanatges in humid environments
- Long Potlife Sufficient time to penetrate deeply
- Pre-Proportioned System Eliminates on-site mixing errors
- Fast Curing Minimizes downtime for rapid service return.

## **RECOMMENDED USES**

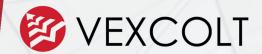
VX Savior InjectMaster 1333 is recommended for pressure injection grouting of fine cracks, cold joints, and voids in concrete structures to restore structural integrity and watertightness.

Applications include grouting of minute void for repair purposes:

- Cold joints between different concrete pours
- Stabilised cracks in structural elements
- Unfilled voids behind tiles, stone facades and joints
- Fine gaps around anchor bolts loosened due to improper grouting

Disclaimer. The information and the recommendations relating to the application and end use of this product are given in good faith and are based on the information provided by the manufacturer of the product and/or the Company's current knowledge and experience in connection with the product when properly stored, handled and applied under normal conditions and no liability of final function at the job site is assumed. In practice, the differences in materials substrates and actual size conditions are such that no warranty in respect of merchantability of or fitness for particular purpose, nor any liability by the Company will be accepted for misuse, misreading or derivation from recommended guidelines in respect of this product and the user shall

Gap behind steel late for epoxy plate bonding



#### **PROPERTIES**

	Tensile Strength MPa			>12	
	Compressive Strength (ASTM D 695) MPa			>70	
	E Modulus in compression (ASTM D 695) MPa		>2300		
	Flexural Strength (ASTM D 695) MPa		>25		
	Bond Strength		Greater than the tensile strength of concrete		
		Part A		Part B	
	Supply form	Thin Liquid		Thin Liquid	
	Colour	Clear Amber			
	Mix Ratio (A:B by volume)			1.35:1	
	Density Mixed			1.05-1.09 kg/L	
	Viscosity at 25°C			350cps	
	Heat Deflection Temperature			60°C	
	Minimum Application Temperature			5°C	
	Pot life (1L pack) @ 25°C			>2.5 hours	
	Cure time (ASTM D 695)			7	
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## **APPLICATION**

## **Surfaces prepartion**

Remove all grease, oil, dust, residual curing mould release agent or other contaminant impair adhesion of the injection ports. Injection Ports must be installed over 6-10mm diameter holes drilled at least 50-75mm into concrete element. For deeper penetration, deeper hole depths should be considered. Use **VX Savior Bondpaste** to adhere the injection ports over the drilled holes, ensuring the adhesive does not obstruct the holes. Allow **VX Savior Bondpaste** to cure before injecting.

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The ports should follow the crack at intervals of 500mm or a maximum of 1m centres. Injection from the lowest or furthest point towards the centre checking for resin coming out of the next hole along. for detailed crack injection procedures, refer to the "MasterInject guide to crack injection" or consult with Vexcolt.

#### **Mixing**

Accurately proportion part kits, mixing only what can be used in less than 30 minutes. Thoroughly stir PartA, add Part B and blend thoroghly using a slow-speed mixer equipped with a suitable paddle

### **PACKAGING**

Part A: 5.6Kg Part B: 3 Kg

## **STORAGE**

Store away from sources of heat and ignition in a shaded, dry, well enclosed area at moderate temperatures.

## **SHELF LIFE**

The shelf life of VX Savior InjectMaster 1333 is 12 months. Store in a dry, elevated position on pallets, away from direct sunlight and moisture

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