

Material properties and specification - at a glance

■ Nitofill EPLV - epoxy crack injection resin

Specification

The crack injection system shall be Nitofill EPLV, a two part, solvent free, low viscosity epoxy, supplied by Fosroc. It shall be capable of penetrating crack widths of min 0.2 mm. When mixed in the proportions supplied and injected into cracks in concrete, the resin shall form a permanent bond and seal in both dry and damp conditions. The cured material shall exhibit the performance characteristics listed

Properties

Comp. str. :	70 N/mm ² @ 20°C
	93 N/mm ² @ 35°C
Ten. str. :	25 N/mm ²
Flex. str. :	63 N/mm ²
S.G. :	1.04
Viscosity :	1.0 poise @ 35°C

■ Nitomortar FC - epoxy resin

Specification

The fixing resin shall be Nitomortar FC, a two component, thixotropic, solvent free mortar supplied by Fosroc. The base component and hardener shall be in two different colours to ease identification of uniform mixing. The cured material shall exhibit performance characteristics as listed opposite.

Properties

Comp. str. :	70 N/mm ²
Vol. solids :	100%
Drying time :	10 hours @25°C
	4 hours @35°C