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INTERNAL STRENGTHENING

stabilisation from the inside to the outside with
low-viscosity injection resins and mortars



Structural Solidification of building materials is internal strengthening and stabilisation. Beside the visible surface, the internal stability of concrete, brick and mortar may need improvement. The injection of low viscosity resins provide stability and glue the instable parts together. The resin used for such a task are usually low viscous for best spread and come with a high wetting ability for perfect adhesion. Even wet substrates are treatable.

INTERNAL STRENGTHENING

PRODUCT NAME	TECHNOLOGY	APPLICATION	BENEFIT
GeoRock 185	Injection Mortar Screw Pump	Cavity Filling Internal Strengthening Soil, Rock Stabilization	Ultra Fine Geopolymer Excellent Adhesion Waterproof Early Resilient Fast Setting
PRODUCT NAME	TECHNOLOGY	APPLICATION	BENEFIT
HydroSoil 517	PUR Resin 1 Component Pump	Crack Injection Horizontal Barrier Internal Strengthening Soil, Rock Stabilization Waterproofing Injection	Low Viscous Ready To Use Integral Technology

PRODUCT NAME	TECHNOLOGY	APPLICATION	BENEFIT
HydroBloc AC 555	Acrylate Resin 1 Comp. Pump	Crack Injection Facade Injection Working Joint Sealing Honeycomb Concrete Injection Injection Tube Injection Contact Grouting Internal Strengthening Soil, Rock Stabilization Waterproofing Injection Hollow Screed, Tiles	Low Temperature Use <0°C Contact Grouting Cleaning With Water

PRODUCT NAME	TECHNOLOGY	APPLICATION	BENEFIT
Silox EP 800	Epoxy Resin 1 Component Pump	Crack Injection Working Joint Sealing Honeycomb Concrete Injection Injection Tube Injection Contact Grouting Internal Strengthening Concrete Repair	Low Viscous Super Penetration Solvent Free Damp Surfaces Adhesion To Metal

PRODUCT NAME	TECHNOLOGY	APPLICATION	BENEFIT
Silox Injection 810nt	Epoxy Resin 1 Component Pump	Crack Injection Honeycomb Concrete Injection Injection Tube Injection Contact Grouting Internal Strengthening Hollow Screed, Tiles	Ultra Low Viscous Potlife 5h 100% Reactive

PRODUCT NAME	TECHNOLOGY	APPLICATION	BENEFIT
Silox Injection 811nt	Epoxy Resin 1 Component Pump	Crack Injection Honeycomb Concrete Injection Injection Tube Contact Grouting Internal Strengthening Hollow Screed, Tiles	Ultra Low Viscous Potlife 2h For Humidity

PRODUCT NAME	TECHNOLOGY	APPLICATION	BENEFIT
Silox Injection 812nt	Epoxy Resin 1 Component Pump	Crack Injection Honeycomb Concrete Injection Injection Tube Injection Contact Grouting Internal Strengthening Hollow Screed, Tiles	Ultra Low Viscous Potlife 1,5h

PRODUCT NAME	TECHNOLOGY	APPLICATION	BENEFIT
Silox Injection 814nt	Epoxy Resin 1 Component Pump	Crack Injection Honeycomb Concrete Injection Injection Tube Injection Contact Grouting Internal Strengthening Hollow Screed, Tiles	Ultra Low Viscous Pot Life 5h Corrosion Protection

PRODUCT NAME SiloX EP 840	TECHNOLOGY Epoxy Resin 1 Component Pump	APPLICATION Working Joint Sealing Crack Injection Honeycomb Concrete Injection Injection Tube Injection Contact Grouting Internal Strengthening	BENEFIT Low Viscous Solvent Free Super Penetration
PRODUCT NAME Calsil 972	TECHNOLOGY Mortar Screw Pump G4 Pump	APPLICATION Stabilisation Strengthening Cavity Filling Historic Monuments Concrete Rock Masonry	BENEFIT No Sedimentation No Shrinking Perfect Spread Excellent Adhesion Perfect Penetration Stress Relieved Puzzolanic Reaction
PRODUCT NAME BOROX AC-1009	TECHNOLOGY Acrylate Resin 1 Component Pump	APPLICATION Facade Injection Internal Strengthening Soil, Rock Stabilization Hollow Screed, Tiles	BENEFIT 100% Solid Low Temperature Use <0°C Wet Environment Ultra Low Viscous UV-Resistant
PRODUCT NAME B-Pox 0480	TECHNOLOGY EP Resin 1 Component Pump	APPLICATION Contact Grouting Internal Strengthening Casting Resin For Electronic	BENEFIT No Shrink Low Exothermic Reaction Clear Tack Free

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