

NordicGEO Premixed Grouts

A quick selection guide for bulk, premixed and cartridge grouts

Nordic Geo Support works with leading edge solution providers for mining, tunnelling and construction works to offer the broadest selection of products and solutions. Fosroc's offer includes cement, epoxy and vinylester resin grouts.

Conbextra is a grout range that has been a market leader for decades when it comes to dependable precision grouting, due to its exceptional flow, stability and strength. It's strong enough for heavy duty projects such as the grouting of wind turbine bases and can provide superior quality grouting.

Lokfix resin are a range of pourable and dual cartridge products that are available in polyester, vinylester and epoxy versions for the structural fixing of reinforcement and threaded bars. They can be used in dry, damp and wet conditions and are suitable for fixing into hollow masonry and cracked rock formations and concrete. Certified to the highest standards, they can be used in seismic areas and are able to carry some of the highest loads in the market.

Epoxy Grouts			
Typical Application	Material Characteristics	Products	Parameters & Requirements
High compressive and dynamic loads such as vibrating machinery, in wet/process areas.	Free flowing materials with fast development of strengths. High early and ultimate compressive, tensile and flexural strengths. Adheres to most building materials. Electrically isolating, water and chemical resistant. Non-shrink. High Effective Bearing Area.	Conbextra EP10	Thin/section grouting
		Conbextra EPHT	Tolerates service temperatures up to 160 °C
		Conbextra EP150	Mid-section free flowing grout with high creep resistance.
		Conbextra EP 300	Thick-section grout with low exothermic reaction
		Proofex WG	Watertight grout for pile caps
Pre-bagged Cementitious Grouts			
Typical Application	Material Characteristics	Products	Parameters & Requirements
High compressive strengths and consistent strength development. May also be used for low criticality bolt anchoring.	Free flowing materials with fast development of strengths. High early and ultimate compressive, tensile and flexural strengths. Adheres to most building materials. Electrically isolating, water and chemical resistant. Non-shrink.	Conbextra GP	General purpose grout for most standard applications
		Conbextra HF	Dual shrinkage compensated, high flow, precision grout. Ideal for challenging applications
		Conbextra TS EP150	Thick section grout with low exothermic reaction
		Conbextra UW	Grout for underwater applications and wet hole applications
		Conbextra BB	Weight bearing grout with rapid strength development
		Conbextra Cable Grout	Fine section grout for pre & post tensioned cables, eliminates voids, segregation & bleeding
Concrete Additive Grouts			
Typical Application	Material Characteristics	Products	Parameters & Requirements
High volume, low criticality applications such as tunnel annulus voids, soil stabilisation.	Largely dependent upon concrete mix design	Cebex 100	General purpose shrinkage compensated admixture
		Cebex 250	Underwater grouting
		Cebex 653	Tunnel annulus grouting admixture
Additional Resin Anchor Grouts			
Typical Application	Material Characteristics	Products	Parameters & Requirements
Fixing starter bars, holding down bolts, structural tie bars. Substrate stabilisation anchors. Fixings close to edges.	Rapid strength gain, high adhesion properties to most materials. Non-expansive. Electrically insulating, non-corrosive, waterproof, chemical resistant	Lokfix P	Rapid set polyester resin anchor with low slump for horizontal fixings
		Lokfix S	Rapid set pourable polyester resin anchor
		Lokfix DUR	Epoxy - Acrylate resin cartridge system for ease of application

Cartridge grouts

A range of resin grouts for manual injection works are available with European Technical Approvals for construction works.



Lokfix E75 *Pure Epoxy 3:1 Twin Cartridge*

Lokfix E75 is a solution for large and heavy duty anchoring into cracked and un-cracked formations. It is also suitable to anchoring heavy duty rebar. It has industry leading strength with loads tested in dry, damp and flooded conditions. Lokfix E75 comes with industry leading accreditation and design software.

Lokfix E55 *Styrene Free Vinylester Resin Cartridge*

Lokfix E55 is a solution for medium to heavy duty anchoring into cracked and un-cracked concrete and post installation of reinforcement. Also it can be used in stone and masonry. A low temperature grade version is available. Lokfix E55 comes with industry leading accreditation and design software.

Lokfix E35 *Styrene Free Polyester Resin Cartridge*

Lokfix E35 is Fosroc's solution for light to medium anchoring fixings into un-cracked concrete, solid and hollow masonry substrates.