



# Fosroc Solutions for Grouting

[www.fosroc.com](http://www.fosroc.com)



*constructive solutions*



# Fosroc Grouting Products

## Gap thickness 10 - 75mm

### Conbextra GP

Free-flow, non-shrink cementitious grouting of gap thicknesses 10-75mm. General purpose applications include:

- Stanchion baseplates
- Joints between pre-cast concrete panels
- Grouting applications where pouring access is restricted
- Anchoring of reinforcing steel bars
- Installation of tie bars
- Trowelling consistency can be used for bedding and in lieu of dry packs



## Gap thickness 10 - 100mm

### Conbextra HF

High-flow, dual shrinkage compensated, cementitious grouting of gap thickness 10 - 100mm. Recommended for more challenging applications including:

- Large stanchion baseplates
- Joints between pre-cast concrete panels
- Pumped grouting applications
- Grouting applications where pouring access is restricted
- Anchoring of reinforcing steel bars
- Installation of tie bars



## Fosroc Solutions:

- Specialist admixtures
- Curing compounds
- Protective coatings
- Waterproofing
- Floor toppings
- Grouts
- Anchors
- Repair mortars
- Adhesives
- Joint sealants
- Injection materials

Fosroc's Conbextra grout range has been leading the market 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 for high precision applications.

For further information and for details of Fosroc's Lokfix range of high performance, cartridge applied, resin anchor grouts download the Fosroc App or visit [www.fosroc.com](http://www.fosroc.com)



## Gap thickness 75 -500mm

### Conbextra TS

Free-flow, non-shrink, aggregate filled cementitious grout for gap thicknesses 75 to 500mm. Pre-filled to provides a consistent flow and strength, without bleeding and segregating. Can be pumped or poured. Recommended applications include:

- Stanchion baseplates where a large gap is present
- Joints between pre-cast concrete panels
- Filling box sections
- Pile caps
- Machinery grouting



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## Bridge Bearing Grout

### Conbextra BB

Non-shrink cementitious bridge bearing grout for grouting beneath:

- Bridge bearings
- Parapet posts
- Flanged lighting columns
- Can be used in section thicknesses 10mm to 100mm



## Heavy dynamic loads

### Conbextra EP10 & Conbextra EPR

Epoxy resin free-flow grouts conforming to BS EN1504-3 Class R44 and BS EN 1504-6 Anchoring of reinforcing steel bar. Used for grouting under baseplates, crane rails, turbines where heavy dynamic loads are encountered and areas where chemical spillage may occur. Other applications include:

- Reciprocating machinery
- Testing equipment
- High speed turbines
- Drop forges
- Electroplating and chemical plants
- Centrifuges
- Anchoring of steel bars

## Underwater Grout

### Conbextra UW

Non-shrink cementitious grout for underwater installation conforming to the requirements of BS EN1504-3. Recommended applications include:

- Stanchion baseplates
- Bridge columns
- Quay pillars
- Concrete piling
- Slipways
- Underwater repairs



## Pointing Mortar

### Conbextra PM

Single component thixotropic cementitious pumping and pointing mortar.

- Structural grouting of gaps in precast units and high strength pointing
- Vertical joints more than 10mm wide



## Ultra High performance

### Conbextra BB92

Ultra-high performance grout specifically designed for structural grouted connections for wind turbine foundations. Used in:

- Structural grouted connections for wind turbine foundations
- Segmental concrete wind towers
- Oil and gas installations
- Heavy duty grouting applications



## Bedding Mortar

### Conbextra BM

Single component cementitious high strength bedding mortar.

- Structural bedding in of precast modular concrete units.

# Fosroc Grouting Products:

## Epoxy Resin Grouts

Typical Application	Material Characteristics	Fosroc Products	Usage Requirements
High compressive and dynamic loads such as bridge bearings, rail bedding, vibrating machinery, chemical or 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 EPR	Thick-section grouting

## Pre-bagged Cementitious Grouts

Typical Application	Material Characteristics	Fosroc Products	Usage Requirements
High compressive strengths and consistent strength development. Machinery bases, bridge bearings, precast concrete construction, columns and stanchion supports. May also be used for low criticality bolt anchoring.	High flowability and adjustable consistency. Medium to high compressive strengths. Shrinkage compensated in plastic and hardened state. High Effective Bearing Area. Final material characteristics sympathetic to concrete. Negligible chloride content. No iron content.	Conbextra GP	General purpose grout for most standard applications
		Conbextra HF	Dual shrinkage compensated, high flow, precision grout. Ideal for challenging applications
		Conbextra TS	Thick section grout with low exothermic reaction
		Conbextra UW	Grout for underwater application
		Conbextra BB	Bridge Bearing grout with rapid strength development
Structural bedding in of precast modular units	Non-shrink, high strength masonry mortar producing smooth finish.	Conbextra BM	Bedding Mortar

