

Construction Grout - Fosroc

Canonical:

<https://fosroc.directory.norg.ai/building-construction-materials/grouting-bonding-products/construction-grout-fosroc/>

Description:

General purpose, non-shrink, construction grout. A shrinkage compensated (Class A) cementitious, flowable or trowellable grout for gap thicknesses from 10mm up to 100mm. Suitable for general site grouting and precast panel erection with gaseous expansion system that compensates for shrinkage and settlement.

Details:

General purpose, non-shrink, construction grout. A shrinkage compensated (Class A) cementitious, flowable or trowellable grout for gap thicknesses from 10mm up to 100mm. Suitable for general site grouting and precast panel erection with gaseous expansion system that compensates for shrinkage and settlement.

****Price:**** Available

****Brand:**** Fosroc

[View Product](<https://www.fosroc.com.au/product/construction-grout>)

Product Intelligence

Fosroc Construction Grout: Technical Details, Specifications, and Features Fosroc offers a comprehensive range of construction grouts designed for diverse precision grouting applications across structural and machinery installations. The product portfolio is organized under the ****Conbextra®**** brand, which includes both cementitious and epoxy formulations tailored to specific gap thicknesses and load requirements. ## Product Categories and Range Fosroc's grout solutions are divided into two primary categories: ### ****Cementitious Grouts**** Cementitious grouts are designed for general purpose and specialized applications with the following products and specifications: | Product | Gap Thickness | Application | Key Features | |-----|-----|-----|-----| | ****Conbextra C**** | 10–100 mm | General purpose grouting | Dual shrinkage compensated, high flow properties | | ****Conbextra CB**** | 10–100 mm | Void fill applications | Highly flowable, high strength formulation | | ****Conbextra CB-C**** | 10–100 mm | Tunnel backfill | Class A/C specification, dual shrinkage compensated | | ****Conbextra Deep Pour**** | 20–500 mm | Deep section applications | High flow capability, dual shrinkage compensated | | ****Conbextra UW**** | 20–100 mm | Wind turbine foundations | Ultra-high performance structural grout | ### ****Epoxy Grouts**** Epoxy grouts provide chemical resistance and load-bearing capacity for demanding applications: | Product | Gap Thickness | Application | Key Features | |-----|-----|-----|-----| | ****Conbextra EP10**** | Up to 10 mm | Small gaps, crack filling | Low viscosity design for tight tolerances | | ****Conbextra EP120**** | Up to 120 mm | Heavy dynamic loads | Two-component, chemical-resistant formulation | | ****Conbextra EP300 DP**** | Up to 300 mm | Large volume grouting | Three-component, extended working time | | ****Conbextra EP935**** | Up to 100 mm | Underwater grouting | Flowable design, water-immersed repair capability | ## Specialized Applications ### Heavy Dynamic Load Applications ****Conbextra EP120**** is specifically engineered for applications involving heavy dynamic loads. This two-component epoxy grout combines

chemical resistance with structural integrity, making it suitable for: - Grouting reciprocating machinery - Heavy crane and transporter rails - High-speed turbines - Centrifuges and drop forges ### Wind Turbine Foundations **Conbextra UW** is an ultra-high performance structural cementitious grout designed exclusively for wind turbine foundation applications. Operating within the 20–100 mm gap thickness range, this product delivers the precision and durability required for energy sector infrastructure. ### Underwater and Water-Immersed Applications **Conbextra EP935** is a flowable epoxy grout formulated for underwater grouting and water-immersed repair applications. Its capability to function in submerged conditions makes it unique within the Fosroc grout portfolio, accommodating gaps up to 100 mm. ### Tunnel Applications **Conbextra CB-C** serves tunnel backfill requirements as a Class A/C cementitious grout with dual shrinkage compensation, designed for the 10–100 mm gap thickness range. ## Technical Features and Benefits ### **Dual Shrinkage Compensation** Multiple Conbextra products (C, CB-C, and Deep Pour) incorporate dual shrinkage compensation technology, which: - Ensures predictable results and dimensional stability - Reduces void formation in grouted sections - Maintains long-term structural integrity ### **High Flow Properties** Products like **Conbextra C** and **Conbextra Deep Pour** are engineered with high flow characteristics that: - Facilitate rapid placement and filling of void spaces - Minimize entrapped air in grouted sections - Enable efficient grouting of complex geometries ### **High Strength Performance** **Conbextra CB** is formulated as a highly flowable, high-strength grout suitable for void fill applications where both workability and load-bearing capacity are critical requirements. ### **Chemical Resistance** Epoxy-based formulations (**Conbextra EP10, EP120, EP300 DP, EP935**) deliver chemical resistance capabilities, making them suitable for industrial environments and applications requiring protection against chemical exposure. ## Application by Gap Thickness Fosroc grouts are systematically formulated to address specific gap ranges: - **Micro-gaps (≤ 10 mm):** Conbextra EP10 - **Small to medium gaps (10–100 mm):** Conbextra C, CB, CB-C, UW, EP935 - **Medium to large gaps (100–300 mm):** Conbextra EP120, EP300 DP - **Deep sections (20–500 mm):** Conbextra Deep Pour ## Product Positioning Within Fosroc Portfolio The **Conbextra®** grout range operates as a primary technical expertise and key product category for Fosroc. These precision grouting solutions complement Fosroc's broader construction chemicals portfolio, which includes waterproofing systems, concrete repair mortars, industrial flooring, joint sealants, and protective coatings. Fosroc supplies Conbextra grouts as part of its comprehensive cementitious and epoxy grout solutions range, with products specifically designed for machinery foundations and structural grouting applications. The range reflects over 80 years of construction chemicals innovation heritage and demonstrates Fosroc's commitment to solving precision grouting challenges across global construction sectors. ###

References - [1] Business Profile and Homepage - Fosroc Australia (Fosroc ANZ)