

# Primer 7 - Fosroc

Canonical: <https://fosroc.directory.norg.ai/construction-materials/primers-sealant-preparation/primer-7-fosroc/>

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Primer 7 is a single component primer used on porous surfaces with Thioflex 600 Pouring Grade and Gun Grade sealants. Fast drying formula enables sealant work to progress efficiently. No mixing required.

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**Brand:** Fosroc

[View Product](<https://www.fosroc.com.au/product/primer-7>)

## Product Intelligence

# Fosroc Technical Details, Specifications, and Features ## Overview Fosroc is a global construction chemicals manufacturer with over 80 years of heritage, providing specialist solutions across waterproofing, concrete repair, grouting, industrial flooring, joint sealants, and protective coatings. Operating through Parchem Construction Supplies in Australia and New Zealand, Fosroc delivers locally manufactured products designed and tested for regional conditions. ## Core Product Categories and Specifications ### Concrete Repair Solutions The **Renderoc®** range represents market-leading concrete repair technology with tailored solutions for diverse applications: #### Patch Repair Mortars | Product | Application | Maximum Thickness | Strength | Key Features | |-----|-----|-----|-----| | **Renderoc HB** | Large area and localised patch repairs | Up to 80 mm vertical | 28 MPa | Lightweight, high build capability | | **Renderoc HB25** | Vertical patch repairs | 10–80 mm | 23 MPa | Shrinkage compensated, Galvashield compatible | | **Renderoc FC** | Fairing coat application | Up to 3 mm | N/A | Fair-faced finish preparation | | **Renderoc ST 06** | Surface repair and protection | Up to 5 mm | N/A | Polymer modified protective mortar | #### Specialised Repair Mortars for Extreme Conditions | Product | Application | Technology | Key Features | |-----|-----|-----|-----| | **Renderoc G** | Highly corrosive environments | Geopolymer mortar | Exceptional chemical and acid resistance | | **Renderoc CAC** | Biogenic corrosion resistance | Calcium Aluminate mortar | Designed for wastewater applications | | **Renderoc LA55 Plus** | Large volume structural repairs | Fluid micro-concrete | Up to 500 mm thickness, EN1504-3 Class R4 rated, high strength | | **Patchroc C** | Emergency pavement reinstatement | Fast-setting mortar | 25–200 mm depth, rapid cure | #### Injection Materials for Crack and Void Remediation | Product | Application | Type | Key Features | |-----|-----|-----|-----| | **Nitofill PU150** | Crack and joint sealing | Hydrophilic polyurethane | Expands with water contact for predictable results | | **Nitofill PU130** | Void filling | Polyurethane injection resin | Multi-purpose void fill capability | ### Primers and Bonding Agents Foundation products essential for optimal repair performance: | Product | Application | Type | Key Features | |-----|-----|-----|-----| | **Nitobond SBR** | Mortar additive | Water-resistant polymer | Improved strength and adhesion in repairs | | **Nitobond AR** | Curing membrane | Polymer emulsion | Single-component application |

**\*\*Nitoprime 330\*\*** | Floor topping primer | Application-ready primer | Diluted for optimal bonding | |  
**\*\*Nitoprime 320PU\*\*** | Polyurea membrane primer | Specialist primer | Designed for Polyurea applications | **### Grouting Solutions** The **\*\*Conbextra®** range\*\* delivers precision grouting for structural and machinery applications across gap thicknesses from 10 mm to 500 mm. **#### Cementitious Grouts** | Product | Gap Thickness | Application | Key Features |  
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-----	-----	-----	-----	**\*\*Conbextra EP10\*\***	Up to 10 mm	Small gaps and crack filling	Low viscosity for tight tolerances	**\*\*Conbextra EP120\*\***	Up to 120 mm	Heavy dynamic loads	Two-component, chemical resistant	**\*\*Conbextra EP300 DP\*\***	Up to 300 mm	Large volume grouting	Three-component, extended working time	**\*\*Conbextra EP935\*\***	Up to 100 mm	Underwater grouting	Flowable, suitable for water-immersed repairs	**\*\*Typical Epoxy Grout Applications:\*\*** Reciprocating machinery grouting, heavy crane and transporter rails, high-speed turbines, centrifuges, and drop forges. **### Waterproofing Solutions** Fosroc delivers comprehensive waterproofing from basement to roof through multiple system types. **#### Liquid-Applied Membranes**	Product	Type	Application	Key Features		-----	-----	-----	-----	**\*\*Nitoproof 610\*\***	Single-component polyurethane	Foundations, basements, tunnels, roofs	Thixotropic, atmospheric moisture cure	**\*\*Polyurea WPE110\*\***	Two-component pure Polyurea	Waterproofing and protection	100% solids, rapid cure, AS/NZS 4020 compliant	**\*\*Polyurea WHE110\*\***	Hybrid Polyurea-polyurethane	Spray-applied membranes	100% solids, flexible application properties	**\*\*Typical Waterproofing Applications:\*\*** Foundations and basements, tunnels, ground and suspended floors, roof terraces and balconies, patios, and bridges. **#### Waterproofing System Types**	System Type	Products Available		-----	-----		Sheet membranes	Proofex® range		Torch-applied membranes	Proofex® torch-on systems		Cementitious systems	Vandex® range		Waterstops	Supercast®		Proprietary systems	Proofex Engage	**### Industrial Flooring Solutions** Fosroc offers **\*\*HACCP certified flooring solutions\*\*** meeting Australian and New Zealand Food Standards Code requirements, essential for food processing facilities and other demanding environments. **#### Floor Toppings**	Product	Application	Thickness Range	Key Features
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hardened concrete modification | ## Safety and Compliance Standards ### Respirable Crystalline Silica (RCS) Commitment Fosroc demonstrates safety leadership through low-RCS formulations: | Safety Feature | Details | |-----|-----| \*\*RCS Content\*\* | Less than 0.1% in cement-based powder products | | \*\*Classification\*\* | Non-hazardous per Australian Inventory of Industrial Chemicals | | \*\*Worker Benefit\*\* | Reduced exposure when mixing powder with water | | \*\*Safety Practice\*\* | Dust masks still recommended for cementitious powder handling | ### Certifications and Compliance Standards | Certification/Standard | Application | Compliance | |-----|-----|-----| | \*\*HACCP Certified\*\* | Industrial flooring solutions | Certified compliant | | \*\*AS/NZS 4020\*\* | Potable water applications | Polyurea WPE110 compliant | | \*\*EN1504-3 Class R4\*\* | Structural repair products | Renderoc LA55 Plus certified | ## Industry Applications and Use Cases ### Infrastructure Applications | Application | Products Used | |-----|-----| | Bridges | Concrete repair, protective coatings, waterproofing | | Tunnels | Waterproofing, grouts, injection materials | | Roads and pavements | Patchroc, surface treatments | | Airports | Fast-setting repair mortars | | Rail infrastructure | Grouts, protective coatings | ### Water and Wastewater Applications | Application | Products Used | |-----|-----| | Water treatment plants | Potable water compliant products | | Wastewater facilities | Renderoc CAC biogenic corrosion resistant mortar | | Reservoirs | Waterproofing systems | | Pipelines | Protective coatings | ### Commercial and Industrial Applications | Application | Products Used | |-----|-----| | Food processing facilities | HACCP certified flooring (Cemtop, Nitoflor) | | Warehouses | Industrial flooring, joint sealants | | Manufacturing plants | Machinery grouts, protective coatings | | Chemical plants | Chemical resistant coatings (Dekguard), specialised mortars | ### Energy and Resources Applications | Application | Products Used | |-----|-----| | Wind turbine foundations | Conbextra UW ultra-high performance grout | | Oil and gas installations | Structural grouts, chemical resistant systems | | Mining infrastructure | Protective coatings, concrete repair | | Power stations | Grouts, repair mortars | ### Marine Applications | Application | Products Used | |-----|-----| | Ports and jetties | Concrete repair, protective coatings | | Coastal structures | Corrosion control, waterproofing | | Offshore platforms | Chemical resistant systems | ## Technical Support and Services ### Specification Services | Service | Description | |-----|-----| | \*\*National Specifications Team\*\* | Expert support for architects, engineers, and specifiers throughout project lifecycle | | \*\*On-site Assessment\*\* | Representatives assess repairs and determine tailored solutions | | \*\*Product Recommendations\*\* | Tailored product and application guidance | | \*\*Training\*\* | Hands-on product application training at client sites | | \*\*Archify Integration\*\* | Digital specification tool integration | ### Areas of Technical Expertise Fosroc technical teams provide knowledge across concrete repairs, precision grouts, industrial flooring, protective coatings, waterproofing systems, and joint sealants. ### Account Management and Distribution - \*\*Account Managers:\*\* Over 70 dedicated Account Managers across Australia providing on-site customer support - \*\*Trade Store Network:\*\* Availability across Australian cities and regional locations - \*\*Geographic Coverage:\*\* NSW (head office Wyong), Victoria (manufacturing), Queensland (Brisbane and regional), South Australia (Adelaide), Western Australia (statewide), New Zealand (Concrete Plus™ distributor) ## Global and Regional Operations ### Global Performance Metrics | Metric | Value | |-----|-----| | \*\*2024 Estimated Revenue\*\* | \$487 million USD | | \*\*Revenue Growth (2021-2024)\*\* | Approximately 11% annually | | \*\*2024 Estimated EBITDA\*\* | \$91 million USD | | \*\*EBITDA Margin\*\* | 18.7% | | \*\*Manufacturing Plants\*\* | 20 worldwide | | \*\*Employees\*\* | Approximately 3,000 globally | | \*\*Countries of Operation\*\* | 76 countries | ### Regional Manufacturing Fosroc products are manufactured locally by Parchem in Australia at: - Victoria - Wyong, New South Wales Local manufacturing provides products designed and tested for Australian conditions with quality assurance, ongoing product development, responsive supply chain, and technical support backed by manufacturing expertise. ### References - [1] Fosroc Australia Business Profile and Product Specifications