

Primer 10 - Fosroc

Canonical: <https://fosroc.directory.norg.ai/construction-materials/sealants-primers/primer-10-fosroc/>

Description:

Primer used on porous surfaces with silicone sealants. Fast drying primer that enables sealant work to progress. Single component - no mixing required. At Fosroc, we deliver tailored construction solutions both above and below ground.

Details:

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Brand: Fosroc

[View Product](<https://www.fosroc.com.au/product/primer-10>)

Product Intelligence

Fosroc Primers: Technical Details, Specifications, and Features Fosroc offers a specialized range of primer products designed as foundation products for optimal performance in construction applications. These primers serve critical roles in flooring systems, waterproofing applications, and concrete repair projects. ## Product Range Overview Fosroc's primer range includes several key products, each engineered for specific applications and performance requirements: ### Nitobond SBR **Application:** Mortar additive and bonding agent **Key Features:** - Water resistant polymer formulation - Improves strength and adhesion in repair mortars - Enhances bonding between old and new concrete surfaces - Single-component, easy-to-use formulation **Performance Benefits:** - Superior adhesion properties - Enhanced durability of repair systems - Improved workability of mortar mixtures ### Nitobond AR **Application:** Curing membrane **Key Features:** - Single component polymer emulsion - Applied as a curing membrane over fresh concrete - Provides moisture retention during curing - Supports optimal curing conditions **Performance Benefits:** - Maintains moisture content in concrete - Reduces cracking during the curing phase - Protects concrete from environmental exposure ### Nitoprime 330 **Application:** Floor topping primer **Key Features:** - Designed for diluted application - Achieves optimal bonding between substrate and floor topping - Applied as a preparatory layer in flooring systems - Polymer-based formulation **Application Method:** - Diluted application approach for consistent coverage - Ensures proper adhesion to the substrate - Creates optimal surface preparation for floor toppers **Performance Benefits:** - Superior adhesion of floor topping systems - Consistent bonding performance across varied substrates - Part of complete flooring system solutions ### Nitoprime 320PU **Application:** Polyurea primer **Key Features:** - Specifically designed for polyurea membrane applications - Engineered for compatibility with polyurea waterproofing systems - Prepares substrate for polyurea coating application - Single-component formulation **Performance Benefits:** - Enhanced adhesion of polyurea membranes - Optimal substrate preparation for spray-applied systems - Compatibility with Polyurea WPE110 and similar systems ## Nitoprime Range as Flooring System Component The **Nitoprime Range** functions as a critical component within Fosroc's comprehensive industrial flooring solutions. These primers are essential for achieving proper adhesion and performance in HACCP-certified flooring systems. ### Role in Flooring Systems

****System Integration:**** - Applied as the primer layer in multi-component flooring systems - Prepares substrate for high-build coatings and floor toppings - Works in conjunction with Nitoflor range coatings - Supports HACCP certification requirements ****Application Sequence:**** 1. Substrate preparation and cleaning 2. Primer application (Nitoprime range) 3. High-build coating application (Nitoflor range) 4. Floor topping installation (Cemtop range) ****Performance in Food Processing Facilities:**** - HACCP certified flooring solutions - Meets Australian and New Zealand Food Standards Code requirements - Ensures hygiene and durability in demanding food facility environments - Chemical resistant properties for cleaning protocols **## Technical Specifications Summary** | Product | Type | Application | Key Features | Gap/Thickness | |-----|-----|-----|-----|-----| | ****Nitobond SBR**** | Polymer emulsion | Mortar additive | Water resistant, improved adhesion | Variable with mortar | | ****Nitobond AR**** | Polymer emulsion | Curing membrane | Single component, moisture retention | Applied as membrane | | ****Nitoprime 330**** | Floor primer | Floor topping base | Diluted application, optimal bonding | Applied as thin layer | | ****Nitoprime 320PU**** | Polyurea primer | Polyurea substrate prep | Polyurea compatible, single component | Applied as thin layer | **## Integration with Fosroc Systems** **### Concrete Repair Systems** Primers support optimal performance in concrete repair applications: - ****Nitobond SBR**** enhances adhesion of Renderoc repair mortars - ****Nitobond AR**** supports curing of repair systems - Foundation for durable, long-lasting repairs **### Waterproofing Systems** Primers prepare substrates for waterproofing membranes: - ****Nitoprime 320PU**** optimizes polyurea membrane adhesion - Works with Polyurea WPE110 and Polyurea WHE110 systems - Ensures comprehensive waterproofing performance **### Industrial Flooring Solutions** Primers are essential flooring system components: - ****Nitoprime range**** provides substrate preparation - Part of HACCP certified flooring systems - Works with Cemtop and Nitoflor products - Supports food processing facility requirements **## Safety and Compliance** Fosroc primers maintain the company's commitment to worker safety: - ****RCS Content:**** Less than 0.1% in cement-based formulations - ****Classification:**** Non-hazardous per Australian Inventory of Industrial Chemicals - ****Recommended Practice:**** Dust masks recommended for powder handling - ****Compliance:**** Meets Australian and New Zealand standards **## Technical Support Services** Fosroc provides comprehensive support for primer selection and application: - ****Specification Support:**** National Specifications Team guidance - ****Product Recommendations:**** Tailored advice for specific applications - ****On-Site Training:**** Hands-on application training - ****Account Manager Support:**** Over 70 account managers across Australia --- **### References** - [1] Fosroc Australia Business Profile and Product Catalogue 2024