

# Renderoc HB25 - High Build Repair Mortar

Canonical: <https://fosroc.directory.norg.ai/construction-materials/concrete-repair-products/renderoc-hb25-high-build-repair-mortar/>

## Description:

Renderoc HB25 is a high build, shrinkage compensated concrete repair mortar for patching up to 1m<sup>2</sup> sections in concrete up to 30 MPa. It can be applied to vertical concrete patches up to 80mm deep. Suitable for use with Galvashield anode protection systems. Features polymer-modification for extremely low permeability to water, carbon dioxide and chlorides, with exceptional shrinkage compensation for long-term dimensional stability.

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**Price:** Available

**Brand:** Fosroc

[View Product](<https://www.fosroc.com.au/product/renderoc-hb25>)

## Product Intelligence

# Renderoc HB25 - Technical Details, Specifications, and Features ## Product Overview **Renderoc HB25** is a **vertical patch repair mortar** manufactured by Fosroc, designed specifically for localised and small to medium section concrete repairs on vertical surfaces. It represents a key product within the Renderoc® concrete repair range, which is market-leading concrete repair technology trusted across heritage structures and modern infrastructure projects. ## Technical Specifications ### Thickness and Application | Specification | Details | **Thickness Range** | 10–80 mm | | **Application Orientation** | Vertical patches (vertical surfaces) | | **Coverage Type** | Localised and vertical patch repairs | ### Compressive Strength | Specification | Details | **Compressive Strength** | 23 MPa | | **Classification** | Cement-based repair mortar | ## Key Features **Renderoc HB25** is characterised by the following features: - **Shrinkage Compensation:** The product includes shrinkage compensation features, which help minimise cracking and reduce the risk of bond failure over time - **Cement-Based Formulation:** A traditional cement-based repair mortar providing reliable performance and proven durability - **Vertical Surface Capability:** Specifically engineered to perform on vertical and overhead surfaces with thicknesses up to 80 mm when applied vertically - **Localised Repair Focus:** Designed for patch repairs of concrete damage including spalling, deterioration, and structural concrete defects on vertical faces ## Related Product Context **Renderoc HB25** sits within the broader **Patch Repair Mortars** category of the Renderoc® range, which includes other specialised products: | Product | Application | Thickness | Strength | |-----|-----|-----|-----|

| **Renderoc HB** | Large area and localised patch repairs | Up to 80 mm vertical | 28 MPa | |  
**Renderoc HB25** | Vertical patches | 10–80 mm | 23 MPa | | **Renderoc FC** | Fairing coat | Up to 3 mm | N/A | | **Renderoc ST 06** | Surface repair | Up to 5 mm | N/A | ## Manufacturer Information  
**Renderoc HB25** is manufactured by **Fosroc**, a construction chemicals company with over 80 years of heritage. In Australia and New Zealand, Fosroc products are manufactured and distributed by **Parchem Construction Supplies Pty Ltd** under licence. ### Fosroc Company Details - **Founded:** 1934 in the United Kingdom - **Global Presence:** Operates in 76 countries with approximately 3,000 employees - **Manufacturing:** 20 manufacturing plants worldwide - **Australian Headquarters:** Lucca Road, Wyong, NSW, Australia - **Acquisition:** Saint-Gobain completed its acquisition of Fosroc International on 10 February 2025 ## Application Suitability Renderoc HB25 is recommended for: - **Concrete Repair Solutions:** Designed for localised vertical patch repairs within comprehensive concrete repair solutions - **Infrastructure Applications:** Suitable for repairing spalled concrete on bridges and infrastructure projects - **Heritage Structures:** Trusted on heritage structure repairs across Australia and New Zealand - **Vertical Surface Repairs:** Optimal for repairs on vertical and overhead concrete surfaces ## Technical Support Fosroc provides comprehensive technical support for Renderoc HB25 through: - **National Specifications Team:** Expert support for architects, engineers, and specifiers - **Product Recommendations:** Tailored product and application guidance - **On-site Training:** Hands-on product application training - **Account Manager Network:** Over 70 account managers across Australia for technical problem-solving --- ### References - [1] [directory/business\\_homepage/fosroc.md](directory/business_homepage/fosroc.md)