

Cembloc - Fibre Cement Screws.

Cembloc FCB Screws Description.

Technical Datasheet

The Cembloc FCB Screws are specially designed for fast and secure installation of underlayment to subfloors and walls. They feature a compact trim-head that ensures a flush surface, preventing floor coverings from settling in countersink recesses. These screws are specifically engineered for fixing Cembloc fibre cement board to timber and thin sheet metal (up to a maximum thickness of 0.6mm).

With their self-countersinking head, they provide a secure and flush finish when driven into the material. The screws have a twin-cut point and a hi-low thread design, which facilitates easy and efficient penetration.

To ensure superior corrosion resistance in damp or corrosive environments, the screws are coated with an exterior-grade finish. This coating provides enhanced protection compared to standard fasteners.

The Cembloc FCB Screws are available in the following sizes:

- 4.2mm x 25mm
- 4.2mm x 32mm
- 4.2mm x 42mm



Advantages Of Use.

- **Secure and Reliable Fastening:** Fibre cement screws are specifically designed to securely fasten fibre cement boards to various substrates, ensuring a strong and reliable installation.
- **Flush and Professional Finish:** These screws feature a self-countersinking head that allows them to sit flush with the surface of the fibre cement board, providing a smooth and professional finish without any visible screw heads.
- **Prevents Floor Covering Damage:** The compact trim-head design of fibre cement screws prevents floor coverings from settling in countersink recesses, protecting the integrity and appearance of the flooring.
- **Easy Installation:** Fibre cement screws are designed for easy installation. They often have a twin-cut point and a hi-low thread pattern that enables quick and efficient penetration into the fibre cement board and the underlying substrate.
- **Compatibility with Thin Sheet Metal:** Fibre cement screws are designed to be compatible with thin sheet metal up to a maximum thickness of 0.6mm. This allows for versatile applications where fibre cement boards need to be securely attached to metal substrates, expanding the range of potential installation scenarios.
- **Corrosion Resistance:** Many fibre cement screws are treated with an exterior-grade coating that offers superior corrosion resistance. This makes them ideal for use in damp or corrosive environments where moisture or exposure to the elements may be a concern.
- **Versatile Applications:** Fibre cement screws can be used for various applications, including attaching fibre cement boards to timber framing, metal studs, or other suitable substrates.
- **Durable and Long-lasting:** Due to their robust construction and corrosion-resistant properties, fibre cement screws provide a durable and long-lasting fastening solution for fibre cement boards.
- **Compatible with Fibre Cement Boards:** These screws are specifically designed to work effectively with fibre cement boards, ensuring optimal performance and reducing the risk of damage or failure.
- **Enhanced Stability:** By securely fastening the fibre cement boards, these screws contribute to the overall stability and structural integrity of the installation.
- **Time and Cost Efficiency:** Fibre cement screws enable efficient and hassle-free installation, saving time and labor costs associated with more complex fastening methods.

Standard Dimensions.

Length	Width
25mm, 32mm and 42mm	4.2mm
Screw dimensions 25mm x 4.2mm Box dims - L92 x W72 x H58mm Unit weight 0.397kg each Box quantity 200nr	Screw dimensions 32mm x 4.2mm Box dims - L92 x W72 x H58mm Unit weight 0.475kg each Box quantity 200nr
	Screw dimensions 42mm x 4.2mm Box dims - L95 x W90 x H90mm Unit weight 0.588kg each Box quantity 200nr

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Applications.

- **Installation of Fibre Cement Siding:** Fibre cement screws are widely used to attach fibre cement siding to exterior walls of residential and commercial buildings.
- **Roofing Applications:** These screws are employed for securing fibre cement roofing sheets or tiles to roof structures, providing a durable and weather-resistant roofing solution.
- **Underlayment and Subfloor Installation:** Fibre cement screws are used to fasten fibre cement boards as underlayment or sub-flooring in construction projects, providing a stable and reliable base for flooring materials.
- **Interior Wall Paneling:** Fibre cement screws can be utilised for installing fibre cement panels on interior walls, offering a decorative and durable wall covering solution.
- **Backer Board Installation:** These screws are commonly employed for attaching fibre cement backer boards to walls or floors, providing a stable and waterproof surface for tile installations in wet areas like bathrooms and kitchens.

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- **Soffit and Fascia Installation:** Fibre cement screws are used to secure fibre cement soffit and fascia boards, which are installed on the underside of roof overhangs and the outer-facing boards along the roofline, respectively.
- **Cladding and Trim Installation:** Fibre cement screws are suitable for attaching fibre cement cladding boards or trim pieces, providing an attractive and low-maintenance exterior finish.
- **Metal Stud Framing:** Fibre cement screws can be utilised in conjunction with metal studs to secure fibre cement boards in metal stud framing systems, commonly used in commercial construction.
- **Ceiling Applications:** These screws can be used for attaching fibre cement boards to ceiling structures, providing a durable and visually appealing ceiling finish.
- **General Construction Applications:** Fibre cement screws find application in various general construction projects where fastening fibre cement boards to different substrates is required, such as partitions, columns, and other architectural elements.

Technical Specifications.

Substrates	Softwood, light gauge Sheet Metal, Cement Board
Pack Qty	200
Head Type	Countersunk Wafer
Thread Type	High-Low
Feature 1	Ribs under the head for improved countersinking
Feature 2	Fixing to timber and thin sheet metal (max. 0.6mm)
Feature 3	Twin-cut for rapid "pick-up" and reduce torque
Feature 4	Organic plating withstands 1,500 hours in salt spray test
Feature 5	Fire Classification - A1
Thread Coverage	Fully Threaded
Point Type	Twin-Cut
Finish	Exterior Plus
Packs per Carton	50
CE Standard	BS EN 14566:2008
Inner Thread Ø d1 (mm)	2.5
Material	Carbon Steel
Driver Bit Size	PH2 (Phillips)