

Installation guide



SterlingOSB StrongFix is designed to be installed in standard metal C-stud with 600mm centres.



SterlingOSB StrongFix step-by-step installation instructions

Step 1. Fit L-shaped steel to panels

Cut L-shaped steel to the same length as the SterlingOSB StrongFix panels to be fitted, and fix to the back of the non-recessed side with a 1mm overlap (to allow for expansion). Using a minimum 25mm self-tapping drywall screw, fix 10mm from top and bottom and at 250mm centres maximum.

Step 2. Position panels in metal C-stud

By angling the SterlingOSB StrongFix panel, match the panel's recess with the lip of the metal C-stud then swing the panel to align flush with the next metal C-stud. Slide the panel up or down the metal C-studs to the area of wall that is required to be strengthened.

Step 3. Fix panels in place

Secure the panel in place, first by fixing the L-shaped steel to the metal C-stud with 13mm self tapping metal drywall screws at 250mm centres so that SterlingOSB StrongFix is flush with the metal C-stud. Secondly, secure the recessed side by fixing directly through the metal C-stud into the panel using a minimum 25mm self-tapping drywall screw, fix 10mm from top and bottom and at 250mm centres maximum.

SterlingOSB StrongFix anchorage values

Independently tested anchorage data when installed in accordance with Norbord recommendations and according to BS5234-2:1992 - Partitions - Part 2: Specification for performance requirements for strength and robustness including methods of test:

Fixing Type	BS5234-2 Requirement	Max. Recommended Safe Working Loads
Pull Out SWL		
3.5 x 40mm wood screw	100N Pass	100kg
4.0 x 50mm wood screw	100N Pass	100kg
5.0 x 50mm wood screw	100N Pass	110kg
Pull Down SWL		
3.5 x 40mm wood screw	250N Pass	50kg
4.0 x 50mm wood screw	250N Pass	60kg
5.0 x 50mm wood screw	250N Pass	70kg

Fixing Type	BS5234-2 Requirement	Max. Recommended Safe Working Loads
Heavyweight anchorage (wash basin) SWL		
5.0 x 50mm wood screw	1,000N Pass	100kg
6.0 x 60mm wood screw**	1,500N Pass	150kg
Heavyweight anchorage (wall cupboard) SWL		
4.0 x 50mm wood screw	2,000N Pass	200kg
5.0 x 50mm wood screw	4,000N Pass	400kg

** Full sized dry lining panels required for 1500N

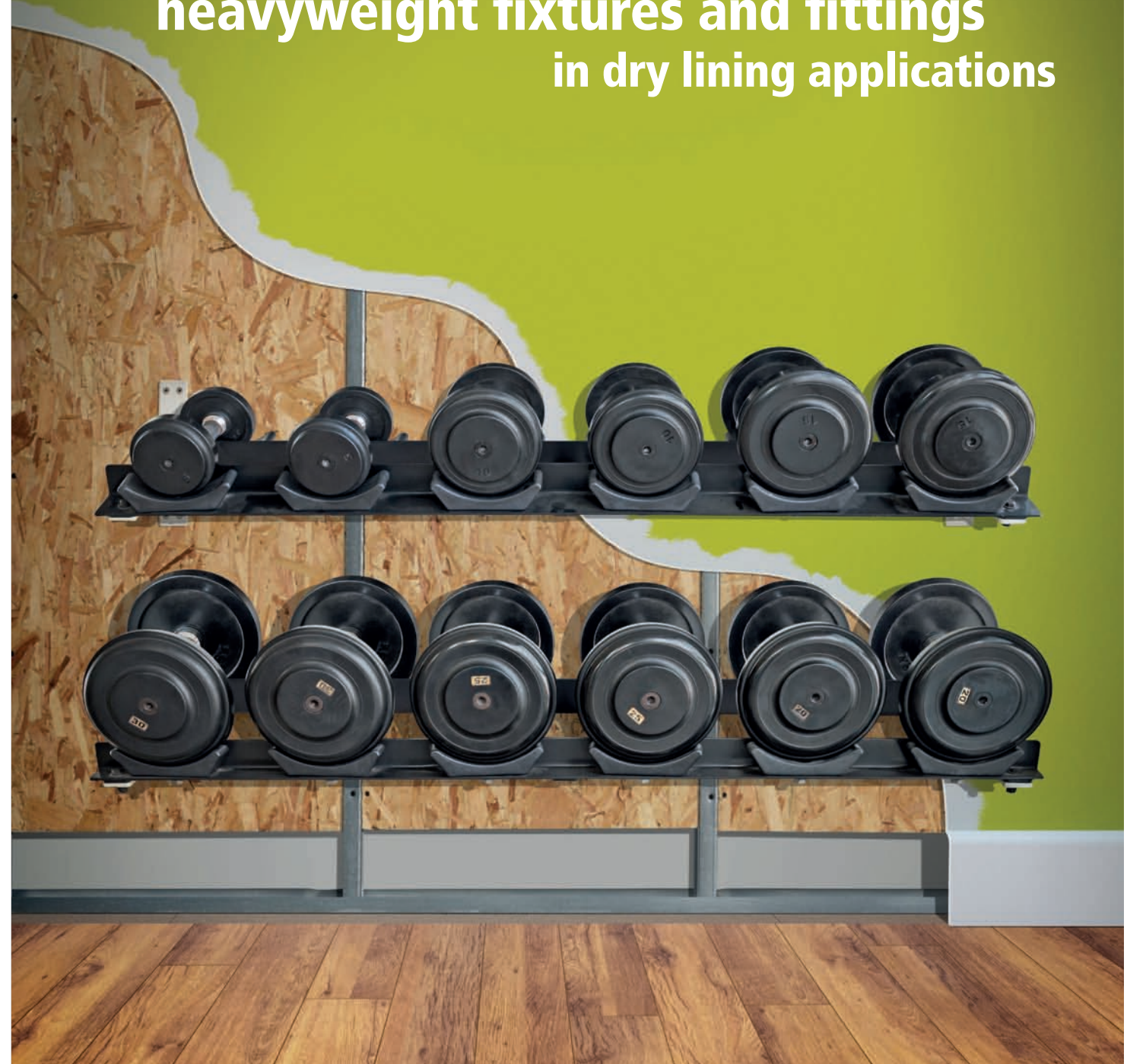
SterlingOSB StrongFix storage instructions

Store SterlingOSB StrongFix under cover on a flat level surface with sufficient bearers to prevent sagging or other distortion. Do not rack. Care should be taken to protect edges.

For more information on how SterlingOSB StrongFix can make your drywall stronger, please call: 01786 819 225 or visit: SterlingOSB.com



A strong panel for
heavyweight fixtures and fittings
in dry lining applications



WE MAKE IT BETTER
ACROSS THE BOARD





3 4

3 SterlingOSB StrongFix provides strength and secure anchorage wherever it's required
4 Flush finish adds no extra thickness to partition walls



SterlingOSB® StrongFix



SterlingOSB StrongFix strengthens and provides secure anchorage areas for fixtures and fittings in metal C-stud dry lining applications.

- ✓ Precision machined SterlingOSB 3 to fit standard metal C-stud frames with 600mm centres
- ✓ Provides a strong fixing point for fixtures and fittings up to 400kg anywhere on the panel
- ✓ All the inherent benefits of SterlingOSB 3 – no knots or voids
- ✓ Meets BS5234-2 requirements
- ✓ Suitable for domestic and commercial use

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1 Panels can be cut to any size to suit the application
2 Precision machined continuous recess pairs with metal C-stud frames

Product	Thickness mm	Length mm	Width mm	Edge profile	Sheets per pack	Domestic application	Commercial application
SterlingOSB StrongFix	18	2400	597	SE	50	✓	✓

Other sizes are available on request

SterlingOSB StrongFix is simple to fit, highly versatile and ideal for fixing cabinets, radiators, wash basins, railings etc to stud walls.

Precision engineered to fit metal C-stud walls with 600mm centres, a continuous recess down one side allows quick installation and ensures a seamless finish, ready for hanging plasterboard without adding any extra thickness to the stud wall.

The pre-prepared panels have all the same inherent qualities as SterlingOSB 3 which, unlike ply, has no knots or voids and a consistent density throughout that allows fixings to hold securely at any point across the board.

Additionally, in accordance with the requirements of BS5234 Part 2, it achieves excellent pull-out ratings and is capable of supporting heavyweights of up to 400kg with standard wood screws.*

Specification

SterlingOSB StrongFix is designed to be used in dry, sheltered construction environments and caution should be exercised during the construction phase where higher levels of moisture can be apparent which can effect the expansion and distortion of the panels beyond acceptable tolerances.



* Refer to data tables overleaf