

MORE FROM WOOD.



EGGER OSB HDX The lighter, stronger alternative to 38 mm chipboard



Product Description

EGGER OSB HDX is a 30 mm heavy duty, load bearing OSB4 panel.

It is the ideal solution for heavy duty load bearing environments such as mezzanine flooring, racking, shelving, working platforms and decking, where 38 mm chipboard would typically be used.

Due to the low swelling properties of EGGER OSB HDX it is suitable for use in humid environments and less likely than P6 chipboard to pick up moisture which can lead to uneven floors.

- 11% wider and up to 20% lighter than 38mm chipboard panels
- Less likely than 38mm P6 to pick up moisture
- Stronger and stiffer
- Higher point loads and UDLs
- Quicker and easier to lay
- Features a sanded surface
- 100% recyclable.

Product Information	
Size	2400 x 675 mm
Pack Weight (approx)	1100.00 kg
Board thickness	30 mm
Boards per pack	36
Board Weight (approx)	30.12 kg



The table below shows the differences between EGGER OSB HDX and P6 38 mm chipboard

Properties	EGGER OSB HDX (30 mm)	P6 38 mm Chipboard
Bending strength	25 N/mm ²	15.8 N/mm ²
Modulus of Elasticity (stiffness)	7000 N/mm ²	2770 N/mm ²
Safe long term point load over 600mm	5.4 kN	4.7 kN
Safe long term point load over 800mm	4.4 kN	4.0 kN
Safe long term UDL over 600mm	27.8 kN/m ²	17.7 kN/m ²
Safe long term UDL over 800mm	15.6 kN/m ²	7.5 kN/m ²

Determined according to EN 12871/ EN 1995, service class 1 conditions. Limited by deflection of span L/200, according to permanent/working load ratio.

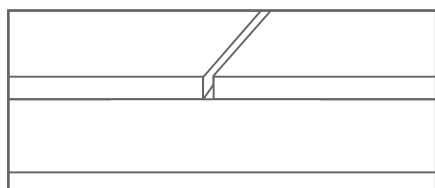
→ **EGGER OSB HDX; The benefits over 38 mm chipboard:**

- Higher point loads and UDLs
- Stronger and stiffer
- Around 20% lighter
- Quicker to lay

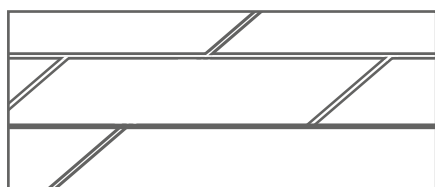
Dimensions: 2400 x 675 x 30 mm
(other lengths may be available upon request)

NB: EGGER OSB HDX should be laid at right angles to any support.

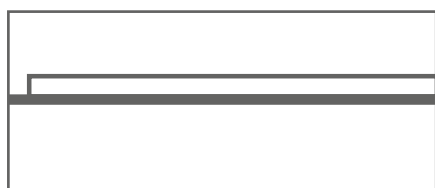
Installation instructions



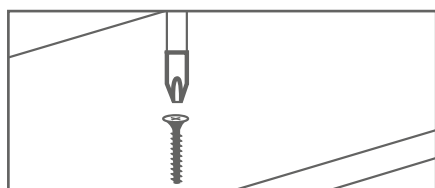
1. EGGER OSB HDX boards should be laid with the longest edges at right angles to the joists so all short end joints land on a joist. Where this is not the case, refer to local building authority guidelines.



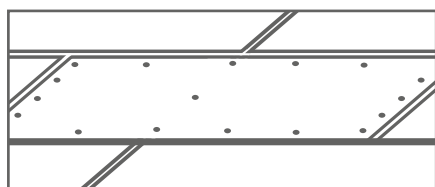
2. Joints should always be staggered in a brick bond fashion, with the perimeter of the floor continuously supported.



3. An expansion gap of 10 mm or 2 mm per metre run (whichever is greater) should be provided to the floor perimeter and against all walls and abutments. For floors which are in excess of 10 m long, intermediate movement gaps should be incorporated and finished with a compressible filler or proprietary movement joint cover.



4. Fastenings should be made not less than 25 mm from the board edges. All boards must be securely fastened to each joist or noggin with a fixing of a size and type suitable for the design of the supporting joists. For example, if fitting boards on a metal frame it would be advisable to use 50 mm, 12 gauge self-tapping screws. Alternatively, if boards are being fixed to timber joists it would be advisable to use No. 8 screws, at least 60 mm in length.



5. Fasteners should be spaced around the perimeter of the board at one fixing per joist and then add a single fixing per joist in the centre of the board.

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