

MORE FROM WOOD.



EGGER OSB HDX

The lighter, stronger alternative to 38 mm chipboard.



What is it?

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

What environments is it suitable for?

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.

Is it easy to lay?

It has a tongue and groove profile on the 2 long edges and is laid the same way as 38 mm chipboard. However, due to only being 30 mm thick, EGGER OSB HDX is around **20% lighter**.

That's despite being wider than the typical chipboard panel (675 mm as opposed to the usual 600 mm)

A lighter, wider board means that it is **easier to manoeuvre and quicker to lay**.

Does a thinner board compromise its technical properties?

On the contrary, 30 mm EGGER OSB HDX actually outperforms 38 mm chipboard for:

- Point loads
- Strength
- UDLs
- Stiffness

Therefore potentially floors could be designed to take **higher loads**, or use **fewer joists**, providing the opportunity for significant savings.

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.

For further information please contact us on the Building Products Hotline T 0845 602 4444 or email building.uk@egger.com