

**MORE FROM WOOD.**

**E EGGER**



**PROFESSIONAL**



**EGGER EUROSTRAND®  
OSB 3 E0**

**› 100% formaldehyde-free bonding**

[www.egger.com](http://www.egger.com)



## EUROSTRAND® OSB 3 E0 – NUMEROUS ADVANTAGES THAT BENEFIT YOU

- Formaldehyde content equivalent to natural wood – confirmed by independent tests.
  - Expanded OSB supply programme with application-oriented formats.
  - Approved construction product – externally monitored and CE-certified according to EN 13986.
  - Available from stock in thicknesses from 6 to 25 mm for load-bearing wall sheathing and cladding.
  - EGGER EUROSTRAND® OSB with environmental product declaration (EPD) according to ISO 14025
- ❖ The quality brand is now even better. New OSB 3 E0 – for environmentally friendly timber construction.
  - ❖ The ideal complement to OSB 4 TOP in applications with low static requirements.
  - ❖ Optimum fitting sheathing reduces planning and installation effort, saving time and cutting costs.
  - ❖ Construction product for EU-wide distribution and use – quality you can count on.
  - ❖ A market-oriented stock programme helps you stay on schedule with fast delivery.
  - ❖ The efficient structural and low-emission construction material for normal load requirements in timber construction.
  - ❖ EGGER offers impressive manufacturer specific environmental product declarations for EUROSTRAND® OSB based on a valid environmental performance assessment for building evaluation.

## RAW MATERIALS USED

- Debarked coniferous wood from controlled forestry operations
- Paraffin wax emulsion
- PU resin
- Water

## SUITABLE FOR A VARIETY OF APPLICATIONS

As load-bearing wall sheathing for timber frame construction.

In interior design for floor renovations, in framework construction and for decorative purposes.

In industrial applications such as packaging and concrete formwork.





## MECHANICAL AND PHYSICAL CONSTRUCTION PROPERTIES

Characteristic	Test standard	Unit	EUROSTRAND® OSB 3 E0		
			6 – 10	> 10 < 18	18 – 25
Thickness range	–	mm	6 – 10	> 10 < 18	18 – 25
Bending strength major axis	EN 310	N/mm <sup>2</sup>	22	20	18
Bending strength minor axis	EN 310	N/mm <sup>2</sup>	11	10	9
Modulus of elasticity major axis	EN 310	N/mm <sup>2</sup>	4,500		
Modulus of elasticity minor axis	EN 310	N/mm <sup>2</sup>	1,400		
Thickness swelling 24 h	EN 317	%	< 15		
μ-value*	EN ISO 12572	–	200/200		
Thermal conductivity λ <sub>R</sub>	EN 13986	W/(mK)	0.13		
Reaction to fire (Euroclass)	EN 13986 EN 13501-1	–	(≥ 9 mm) D-s2, d0 (< 9 mm) E		
Length change per 1 % material humidity change	EN 318	% / %	0.03		
Formaldehyde emissions	EN 717-1	ppm	< 0.03		

\* Calculation value according to DIN 20000-1



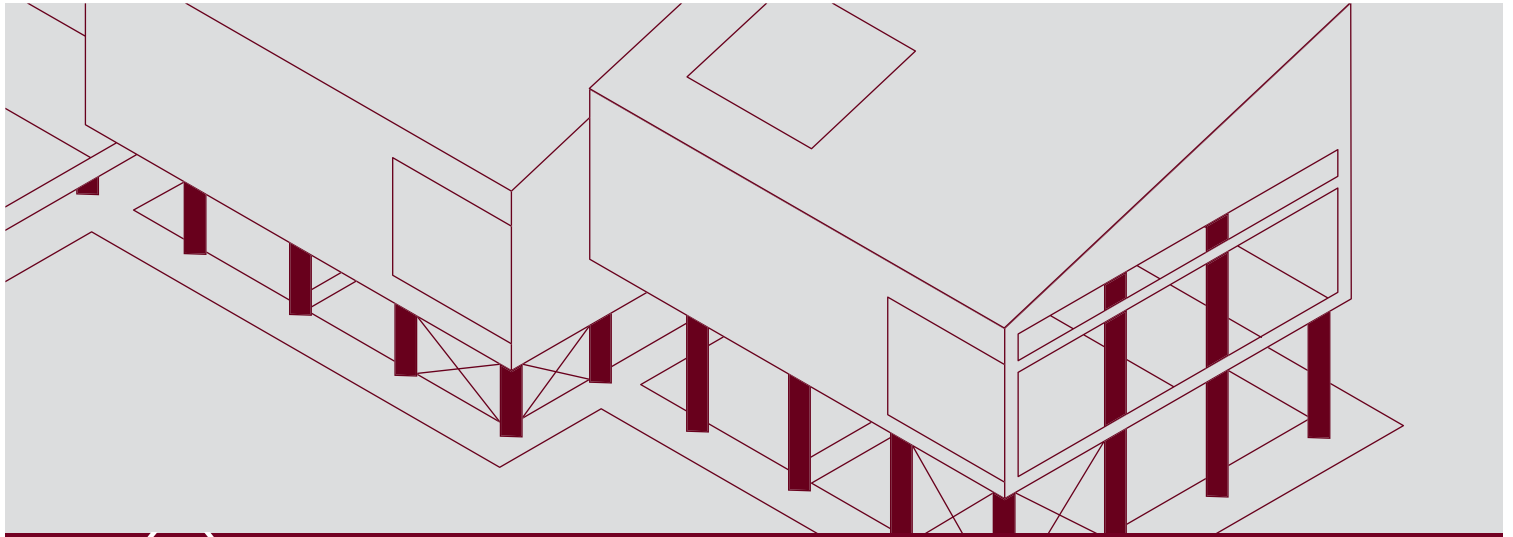
With a precision and strong tongue and groove profile, EUROSTRAND® OSB flooring boards can be installed quickly and effectively.

## SUPPLY PROGRAMME

Product / Length × width (mm)	Board thickness d (mm)													
	6	8	9	10	11	12	15	18	20	22	25	30	35	40
<b>Straight edge unfinished</b>														
5,000 × 2,500							•			•				
5,000 × 1,250							•				•			
2,800 × 1,250						•	•							
2,650 × 1,250						•								
2,070 × 2,770						•*								
2,500 × 1,250	•	•	•	•	•*	•	•	•	•	•	•			
<b>T&amp;G 4 sides unfinished</b>														
2,500 × 1,250							•			•				
2,500 × 675						•	•	•		•	•			
<b>T&amp;G 4 sides finished</b>														
2,500 × 675							•			•				
<b>T&amp;G 2 sides unfinished</b>														
2,440 × 1,205						•	•	•		•	•			

\* Available upon request

Please contact us for other thicknesses and formats.



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