



PRODUCT DATA SHEET

PLANT WISMAR



EGGER | EUROSTRAND® OSB 8000 CE

sanded/unsanded

application:

OSB 8000 board according building regulations registration No.: Z-9.1-562 and EN 300 for use for heavy duty load bearing purposes under humid conditions, total PMDI (formaldehyde free) glued, Emission class - E1, normal flammable (Rec. No.: 760)

(Tests according valid EN – standard. Testing after conditioning at climate of 20°C and 65% RH.

Technical data according DBWIS074, Revision 02, 2007-08-01)

property	unit	thickness
	[mm]	20 - 30
density	[kg/m ³]	≥600
Euroclass, classification EN13501-1/EN13986	-	D-s2, d0
internal bond	[N/mm ²]	≥0,30
internal bond after boiling test	[N/mm ²]	≥0,10
bending strength major axis	[N/mm ²]	≥35
bending strength minor axis	[N/mm ²]	≥12
modulus of elasticity major axis	[N/mm ²]	≥6500
modulus of elasticity minor axis	[N/mm ²]	≥1600
24h thickness swelling	[%]	≤10
tolerance on the mean density within a board	[%]	±15
moisture ¹⁾	[%]	2 - 12
formaldehyde content ²⁾	[mg/100g]	≤2
tolerance in length	[mm]	±3,0
tolerance in width	[mm]	±3,0
tolerance in thickness (sanded)	[mm]	±0,3
tolerance in thickness (unsanded)	[mm]	±0,5
bowing	[mm/m]	≤1,5
squareness	[mm/m]	≤2,0
edge straightness	[mm/m]	±1,5
sanding grade	-	grain 100
thermal conductivity	[W/mK]	0,13
water vapour permeability (μ-value) ³⁾	-	100/300 (wet cup/dry cup)

EN_08/07_1/1 Subject to technical modifications and amendments.

¹⁾ at delivery

²⁾ perforator value according DIN EN 120

according "DIBt-recommendation 100" from June 1994 are the allowed values:

half year average value

≤6,5 mg HCHO/100g abs. dry board

single value

≤8,0 mg HCHO/100g abs. dry board

³⁾ design values acc. to General Approval No.: Z-9.1-562

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