


Technical Data Sheet

For the technical indicators of **OSB 3**
Load-bearing board for use in humid conditions

Property	Test method	Unit	Requirements		
			Thickness (mm, nominal)		
			6 to 10	>10 and <18	18 to 25
Density	EN 323	Kg/m ³	630±15%	590±15%	560±15%
Bending strength - major axis - minor axis	EN 310	N/mm ² N/mm ²	22 11	20 10	18 9
Modulus of elasticity - major axis - minor axis	EN 310	N/mm ² N/mm ²	3500 1400	3500 1400	3500 1400
Internal bond	EN 319	N/mm ²	0,34	0,32	0,30
Swelling in thicknes-24 h	EN 317	%	15	15	15
Tolerance on nominal dimensions - thickness (sanded) within and between boards - thickness (un-sanded) within and between boards	EN 324-1 EN 324-1	mm mm	± 0,3 ± 0,8	± 0,3 ± 0,8	± 0,3 ± 0,8
Length and width	EN 324-1	mm	± 3	± 3	± 3
Squareness tolerance	EN 324-2	mm/m	2	2	2
Moisture content	EN 322	%	2 to 12	2 to 12	2 to 12
Formaldehyde release according to EN 13986:2004+A1:2015	EN 12460-5	Class E1 ≤ 8 mg/100g			

These values are characterized by a moisture content in the material corresponding to a relative humidity of 65% and temperature of 20°C.

Head of laboratory: 
/N.Valchinova/

DIRECTOR: 
/ R.Caha/

DIRECTOR: 
/N.Bankov/

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