PRODUCT DATA SHEET

EGGER OS'Floor

Recipe: 748, (un-sanded)

Material description: OSB/4 TOP board (according building regulations registration No.: Z-9.1-566 and EN 300 / EN 13986) for use for flooring purposes. The boards are certified for structural adequacy as class 1 flooring by UTS (University of Technology, Sydney), total PMDI (formaldehyde free) glued, emission class - E1, Tests according valid EN-standards. Strength values are average values.

PLANT: WISMAR

Board type according EN 300 / Z-9.1-566 (DIBt)

Mechanical properties	Standard	Unit	Requirement
Board thickness		[mm]	18–25
Density	EN 323	[kg/m³]	≥620
Internal bond	EN 319	[N/mm²]	≥0,40
Internal bond after boiling test	EN 300 AA	[N/mm²]	≥0,13
Bending strength major axis	EN 310	[N/mm²]	≥31
Bending strength minor axis	EN 310	[N/mm²]	≥18
Modulus of elasticity major axis	EN 310	[N/mm²]	≥5200
Modulus of elasticity minor axis	EN 310	[N/mm²]	≥2300
Swelling in thickness 24h	EN 317	[%]	≤10
Moisture content *1	EN 322	[%]	2-12
Formaldehyde content *2	EN ISO 12460-5	[mg/100g]	≤2,0

General tolerances	Standard	Unit	Requirement
Tolerance in length	EN 324-1	[mm]	±3,0
Tolerance in width	EN 324-1	[mm]	±3,0
Tolerance in thickness (unsanded)	EN 324-1	[mm]	±0,5
Squareness tolerance	EN 324-2	[mm/m]	≤2,0
Edge straightness tolerance	EN 324-2	[mm/m]	≤1,5

Building physical properties	Standard	Unit	Requirement
Class of reaction to fire	EN 13501-1	-	D-s2, d0
Thermal conductivity	EN 13986	[W/(m·K)]	0,13
Water vapour permeability (μ-value)	EN ISO 12572	-	200/200 (dry / humid)
Approval	Australia	Approved by UTS Sydney	

*1) When dispatched

*2) Perforator value according EN ISO 12460-5
according "DIBt-recommendation 100" from June 1994 are the allowed values:
half year average value: 6,5mg HCHO/100g abs. dry board
single value: 8,0mg HCHO/100g abs. dry board