

# TECHNICAL DATA SHEET

WOOD FIBRE BOARDS (DOORSKIN) thickness 3mm



**DOORSKIN**

Standard number	Title	Date of issue
EN 316	Wood fibre boards. Definition, classification	July 2010
EN 622-1	Fibreboards. Specifications. Part 1: General	July 2004
EN 622-5	Fibreboards. Specifications. Part	June 2010

Technical specification	Test methods	Units	Requirements EN 622-1:2004
			Thickness range > 2,5 mm < 4mm
Medium weight volume	EN 323	Kg/m <sup>3</sup>	1000
Medium density tolerance within a plate	EN 323	%	± 7
Thickness on nominal dimensions	EN 324-1	[mm]	± 0,2
Length and width (commercially available size)	EN 324-1	[mm]	± 2mm/m, maximum ± 5 mm
Edge straightness tolerance	EN 324-2	[mm/m]	2
Moisture content	EN 322	%	4-11
Modulus of elasticity in bending (M.O.E)	EN 310	[N/mm <sup>2</sup> ]	≥ 4000
Bending strength (M.O.R)	EN 310	[N/mm <sup>2</sup> ]	≥ 23
Tensile strength perpendicular to the plane of the board	EN 319	[N/mm <sup>2</sup> ]	≥ 0,65
Swelling in thickness after immersion in water	EN 317	%	≤ 35
Formaldehyde release*	EN ISO 12460-5	[class]	E1, CARB2, TSCA

\* The product complies with :

» **E1** emission class as **standard product**. Perforator value: ≤8mg/100g dry board.

» **CARB Phase 2 (just at special order)** - Final Regulation Order of "Airborne Toxic Control Measure to Reduce Formaldehyde Emission from Composite Wood Products", 93120-93120.12, title 17, California Code of Regulations, §93120.2 (a), emission standards, according to table 1: "Phase 1 and Phase 2 formaldehyde emission standards for hardwood plywood (HWPW), particleboard (PB) and medium density fibreboard (MDF)". Emission standards value for medium density fibreboard Phase 2 ≤ 0,11 ppm.

» **TSCA Title VI (just at special order)**- Formaldehyde limit values for composite wood products according to the final rule "Formaldehyde Emission Standards for Composite Wood Products" which added Title VI to the Toxic Substances Control Act (TSCA) – 'TSCA Title VI' - Final rule 40 CFR Part 770 - published by the US Environmental Protection Agency (EPA) in the Federal Register, the Daily Journal of the United States Government. Emission standards value for medium density fibreboard ≤ 0,11 ppm.