

//Declaration of Performance

DoP N.º 1.23.01.10-C01



Unique identification code of the product-type:

MDF (MEDIUM DENSITY FIBERBOARD) is an engineered board produced from resin bonded wood fibers under pressure and heat.

Intended uses:

MDF panels are composite products used in many home and professional projects, such as furniture, cabinetry, due to its smooth finish, machinability, strength and consistency. Internal use as non-structural components in dry conditions.

System of assessment and verification of constancy of performance (AVCP):

System 4 / UKCA

Manufacturer:

Guararapes Painéis S.A. MDF Caçador, SC, Brazil

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ESSENTIAL CHARACTERISTICS ALL THICKNESS								UNIT	TECHNICAL SPECIFICATION
Thickness	>2.8-4	> 4-6	> 6-8	9	>9-12	>12-19	>19-25	mm	EN 13986:2004 + A12015
Bending Strength	23	23	23	23	22	20	18	N/mm ²	EN 13986:2004 + A12015
Internal bond	0,65	0,65	0,65	0,65	0,60	0,55	0,55	N/mm ²	EN 13986:2004 + A12015
Average Density	> 800		651 from 800				> 630	Kg/m ³	ABNT NBR 15316-2:2019
Swelling in thickness, 24h	40	30	17	17	15	12	10	%	EN 13986:2004 + A12015
Release of formaldehyde	0,13	0,13	0,13	0,11	0,11	0,11	0,11	PPM	CARB 93120 Phase 2 TSCA Title VI TPC1 EPA
Reaction to fire	NPD							-	EN 13986:2004 + A12015
Sound absorption	NPD							-	EN 13986:2004 + A12015
Airbone sound insulation (surface mass)	NPD							-	EN 13986:2004 + A12015
Thermal conductivity	NPD							w/(m-k)	EN 13986:2004 + A12015
Biological durability (use class)	NPD							-	EN 13986:2004 + A12015
Content of pentachlorophenol	< 5							ppm	EN 13986:2004 + A12015

The performance of the product identified above is in conformity with the set of declared performance's. This declaration of performance is issued in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

