

Deep Router Grade MDF

Technical Data



KC/QUAL/DOC/0017 - 18/04/11

Kronospan Deep Router Grade MDF is ideal for use where a superior finish is required when routing deep into the core. Used primarily in kitchen and bedroom doors, deep router grade is also suitable for all high quality applications.

Kronospan Deep Router Grade MDF meets the following standards:

BS EN 622-1:2003 –GENERAL PROPERTIES OF MDF

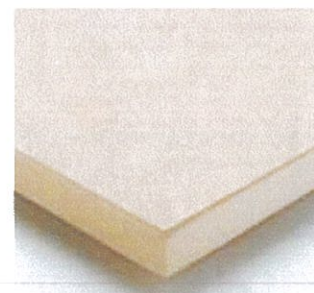
PROPERTY	TEST METHOD	UNIT	SPECIFICATION
Thickness (sanded)	EN 324-1	mm	± 0.2 (> 19mm: ± 0.3)
Length & width	EN 324-1	mm/m	± 2 (max ± 5)
Edge straightness tolerance	EN 324-2	mm/m	1.5
Squareness tolerance	EN 324-2	mm/m	2
Formaldehyde Class E1	EN 120	mg/100g	≤ 8
Tolerance on mean density within a board	EN 323	%	± 7%
Moisture Content	EN 322	%	4 to 11

KRONOSPAN DEEP ROUTER GRADE MDF SPECIFIC PROPERTIES:

PROPERTY	TEST METHOD	UNIT	KRONOSPAN VALUES
Internal Bond	EN 319	N/mm ²	≥ 0.80
Swelling in thickness, 24hr	EN 317	%	Max 12
Bending Strength	EN 310	N/mm ²	45
MOE	EN 310	N/mm ²	4000

KRONOSPAN DEEP ROUTER GRADE SIZES:

THICKNESS	Size
18mm	2440 x 1220
15, 18mm	3050 x 1220
Specials Availability	
12 to 30mm	On Application



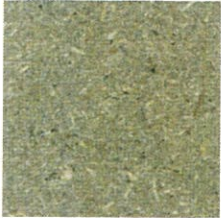
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Chipboard

Technical Data

Kronospan Chipboard is ideal for use in a variety of different applications.



P1

Standard P1 is suitable for general building work, joinery.



P2

Superfine P2 Grade is suitable for use in veneering, foiling, kitchen and melamine-facing applications.

KRONOSPAN CHIPBOARD - GENERAL PROPERTIES:

PROPERTY	TEST METHOD	UNIT	SPECIFICATION (EN 312)
Thickness (sanded)	EN 324-1	mm	± 0.3
Length & width	EN 324-1	mm	± 5
Edge straightness tolerance	EN 324-2	mm/m	1.5
Squareness tolerance	EN 324-2	mm/m	2
Formaldehyde Class E1	EN 120	mg/100g	≤ 8
Tolerance on mean density within a board	EN 323	%	± 10%
Moisture Content	EN 322	%	5 to 13

KRONOSPAN CHIPBOARD SIZES:

THICKNESS	Size
Standard P1 12, 15, 18, 25mm	2440 x 1220
Superfine P2 15, 18mm	2440 x 1220
Superfine P2 18mm	3050 x 1220



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Chipboard

Technical Data



KC/QUAL/DOC/0015 - 14/12/10

KRONOSPAN P1 SPECIFIC PROPERTIES:

PROPERTY	TEST METHOD	UNIT	EN SPECIFICATION (EN 312) - 18MM	KRONOSPAN VALUES (18MM)
Internal Bond	EN 319	N/mm ²	0.24	0.35
Bending Strength	EN 310	N/mm ²	11.5	11.5
MOE	EN 310	N/mm ²	N/A	2100

KRONOSPAN P2 SPECIFIC PROPERTIES:

PROPERTY	TEST METHOD	UNIT	EN SPECIFICATION (EN 312) - 18MM	KRONOSPAN VALUES (18MM)
Internal Bond	EN 319	N/mm ²	0.35	0.45
Surface Soundness	EN 311	N/mm ²	0.8	0.8
Bending Strength	EN 310	N/mm ²	13	13
MOE	EN 310	N/mm ²	1600	1800
Target Density	EN 323	KG/M ³	N/A	650



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