Technical Data Sheet

EGGER Ultralight MDF Mouldings TSCA/CARB2/EPA

Recipe: 524

EGGER mouldings are produced in different profiles and thickness, with a smooth and white
coloured surface. The mouldings are 3-side primed with an evironmentally friendly water
based primer. They can be painted and installed easily.
Different profiles available for mouldings, bases, casings, crowns, chair rails, stops,
wainscots, boards and others.



- Barcode labels according to ANSI Grade C.
- SCS Recycle Material Content available under requirement.
- Concordia Factory.

Dimensions	Width	Lengh	Thickness
Minimum	32mm (*)	2135mm	9mm
Maximum	200mm	5185mm	30mm

(*) Widths between 22mm and 32 mm upon request.

Board type meets EN 622-5 standard (UL2 type)

Mechanical properties & board mean values	Unit	Board thickness		
Thickness	mm	> 9-12	> 12-19	> 19-30
Internal bond strength EN 319	N/mm2	≥ 0,35	≥ 0,35	≥ 0,30
Bending streght EN 310	N/mm2	≥ 18	≥ 16	≥ 14
Modulus of elasticity EN 310	N/mm2	≥ 1400	≥ 1300	≥ 1200
Swelling in thickness EN 317	%	≤ 18	≤ 1400	≤ 13
Moisture content* EN 322	%	5-11		
Formaldehyde content**		CARB2 / EPA TSCA Title VI		

General tolerances	Unit	Board thickness		
Thickness	mm	9-12	12-19	19-30
Length tolerance EN 324	mm/m	±2 mm/m; max. ±5 mm		
Dimension tolerance	mm	±0,4 mm		

* On delivery
** E1: According to the “Regulation on the Prohibition of Chemicals (ChemVerbotsV)” from October 1993 along with the “Regulation on the classification and external supervision of wood-based panels regarding formaldehyde emission (DIBt - Guideline 100)” dated June 1994, unfaced MDF must not exceed a perforator value (photometric) of 8 mg HCHO/100g oven dry board at a moisture content of 6.5 %. The rolling average of EN ISO 12460-5 values over a period of year is max. 7.0 mg HCHO/100g panel mass.
** CARB 2: According to the California Air Resources Board (CARB), “Final Regulation Order Airborne Toxic Control Measure to reduce Formaldehyde emissions from composite wood products”, California Code of Regulations 93120-93120.12, title 17, article 93120.2 (a) Phase 2 - using the chamber method according to ASTM E 1333, MDF may not exceed 0.11 ppm and Thin-MDF 0.13ppm.
** TSCA: In line with US EPA 40 CFR Part 770 “Formaldehyde Emissions Standards for Composite Wood Products” Tittle VI to the Toxic Substances Control Act (TSCA) – ‘TSCA Tittle VI’ for 40 CFR § 770.10 (b), MDF may not exceed 0.11 ppm and Thin-MDF 0.13 ppm according to ASTM E1333 using the chamber method.

Provisional note
This technical data sheet has been carefully drawn up to the best of our knowledge. We accept no liability for any mistakes, errors in standards or printing errors. In addition, technical modifications can result from the continuous further development, as well as from changes in standards and documents originating from statutory bodies. The contents of this technical leaflet should therefore not be considered as instructions for use or as legally binding.