



YILDIZ ENTEGRE

MDF TECHNICAL DATA SHEET

YILDIZ MASTER MDF			5mm < t ≤ 6mm	6mm < t ≤ 9mm	9mm < t ≤ 12mm	12mm < t ≤ 19mm	19mm < t ≤ 30mm	30mm < t ≤ 40mm
Bending strenght	EN 310	N/mm ²	≥ 23	≥ 23	≥ 22	≥ 20	≥ 18	≥ 17
Internal Bond	EN 319	N/mm ²	≥ 0.65	≥ 0.65	≥ 0.60	≥ 0.55	≥ 0.55	≥ 0.50
Swelling in thickness 24h	EN 317	%	≤ 30	≤ 17	≤ 15	≤ 12	≤ 10	≤ 8
Modulus of Elasticity in bending	EN 310	N/mm ²	≥ 2700	≥ 2700	≥ 2500	≥ 2200	≥ 2100	≥ 1900
Average Density	EN 323	kg/m ³	≥ 785	≥ 765	≥ 765	≥ 705	≥ 705	≥ 690
Tolerances on thickness	EN 324-1	mm	± 0.2	± 0.2	± 0.2	± 0.2	± 0.3	± 0.3
Tolerances on length and width	EN 324-1	mm/m and mm	± 2 mm/m or max ± 5 mm	± 2 mm/m or max ± 5 mm	± 2 mm/m or max ± 5 mm	± 2 mm/m or max ± 5 mm	± 2 mm/m or max ± 5 mm	± 2 mm/m or max ± 5 mm
Squareness tolerances	EN 324-2	mm/m	± 2.0	± 2.0	± 2.0	± 2.0	± 2.0	± 2.0
Edge straightness tolerance	EN 324-2	mm/m	± 1.5	± 1.5	± 1.5	± 1.5	± 1.5	± 1.5
Moisture content	EN 322	%	4 ≤ H ≤ 11	4 ≤ H ≤ 11	4 ≤ H ≤ 11	4 ≤ H ≤ 11	4 ≤ H ≤ 11	4 ≤ H ≤ 11
Formaldehyde content Class E0	EN 717-1 EN 12460-3	mg/m ³ mg/m ³ h	E0 < 0.062 E0 < 1.75	E0 < 0.062 E0 < 1.75	E0 < 0.062 E0 < 1.75	E0 < 0.062 E0 < 1.75	E0 < 0.062 E0 < 1.75	E0 < 0.062 E0 < 1.75
Formaldehyde content Class E1	EN ISO 12460-5	mg/100gr	E1 ≤ 8	E1 ≤ 8	E1 ≤ 8	E1 ≤ 8	E1 ≤ 8	E1 ≤ 8
Formaldehyde content Class E2	EN ISO 12460-5	mg/100gr	E2 ≤ 30	E2 ≤ 30	E2 ≤ 30	E2 ≤ 30	E2 ≤ 30	E2 ≤ 30
Formaldehyde content CARB / EPA	ASTM D 6007	ppm	≤ 0.11	≤ 0.11	≤ 0.11	≤ 0.11	≤ 0.11	≤ 0.11 (up to 39mm)

Approved by Kenan Çağrı Nevruz
Quality Manager

