

TEST NO	CONTROL CRITERIA	TEST METHOD	STANDARD LIMITS	UNIT	KASTAMONU ENTEGRE PERFORMANCE
1	THICKNESS	TS EN 14323	≤ 20 ± 0,3 > 20 ± 0,5	mm	± 0,3
2	DENSITY	TS EN 323	Kastamonu specific	kg/m ³	MDF 8 mm 815 kg/m ³ , 16-18 mm 715 kg/m ³ Particle Board 8 mm 680 kg/m ³ , 16-18 mm 625 kg/m ³
3	FLATNESS	TS EN 14323	"Thickness ≥ 15 mm / ≤ 2 (only for the stabilized surfaces)"	mm/m	0
4	RESISTANCE TO SCRATCHES	TS EN 14323	Class A 3,5 ≤ t	Newton	5
5	RESISTANCE TO CRACKING	TS EN 14323	≥ 3	Degree	5
6	STRENGTH AGAINST COLORIZATION	TS EN 14323	≥ 3	Degree	5
7	RESISTANT TO COLD LIQUIDS	TS EN 12720:09	5	Degree	5
8	RESISTANCE TO DRY HEAT	TS EN 12722:09	5th Degree, 70° C	Degree	5th Degree, 70° C
9	RESISTANCE TO WET HEAT	TS EN 12721:10	5th Degree, 70° C	Degree	5th Degree, 70° C
10	BRIGHTNESS	TS EN 14323	White Colors 60° max.6 GU Other Colors 60° max.5 GU	Gloss	5
11	ADHESION	TS EN 2409	0-1	Degree	0
12	SURFACE DEFECTS	Kastamonu Specific Surface Fault Dignasis Table	Must be suitable	mm	Suitable
13	MAJOR BALL STRENGTH	TS EN 14323	max.150	cm	150
14	FREE FORMALDEHYDE RELEASE	TS EN 12460-3	E1 ≤ 3,5 E2 ≤ 8	mg/m ³ h	0,70
15	ANTIBACTERIAL IMPACT	JIS Z 2801	R ≥ 2	kob/cm ²	R ≥ 2, effective at 99,99%
16	LIGHT FASTNESS	TS EN 15187	"Blue Wool will never be worse than Scale 6. Grey will never be worse than scale 4."	Skala	*Suitable *Only for the pigmented products
17	SURFACE STABILITY	TS EN 311	≥ 1	N/mm ²	1,35
18	COLOR VALUE	CIELab D65/10°	*Pigmented ones ΔE ≤ 0,70 Delta E in Manufacture of Transparent Polishes: ≤ 1,20		*Pigmented ones ΔE ≤ 0,70 Delta E in Manufacture of Transparent Polishes: ≤ 1,20

*For any detail about pigmented products resistant to UV rays, please consult the relevant "Sales Representative".