

thickness:	0,5 to 0,8 mm
surface:	
decor:	

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Characteristics	Target values		Test standard / - regulations
	grade	value	
Surface requirements			
resistance to staining	≥ 3	moderate variation	DIN EN 438 - 2 (april2005)
resistance to surface wear, horizontal		≥ 350 rev.	DIN EN 438 - 2 (april2005)
resistance to surface wear, vertical		≥ 50 rev..	DIN EN 438 - 2 (april2005)
scratch resistance ***	≥ 3	≥ 1,50 N	DIN EN 438 - 2 (april2005)
dry heat , 180 °C	≥ 4	slight variation	DIN EN 438 - 2 (april2005)
Resistance to immersion in boiling water 2 h	≥ 4	slight variation	DIN EN 438 - 2 (april2005)
light fastness	≥ Stufe 6		GHP
resistance to crazing	≥ 4	some cracks	DIN EN 438 - 2 (april2005)
surface closeness		trace	GHP
water vapour test	≥ 4	slight variation	DIN EN 438 - 2 (april2005)
resistance to cigarette burns	≥ 3	moderate variation	DIN EN 438 - 2 (april2005)
Kiton, curing		2 - 5	GHP
Strength requirements			
raw density		≥ 1350 kg/m ³	EN ISO 1183 : 1987
impact resistance		15 N	DIN EN 438 - 2 (april2005)
shock resistance		800 mm	DIN EN 438 - 2 (april2005)
Dimensional tolerances			
thickness <1 mm		≤ +- 0,1 mm	DIN EN 438 - 2 (april2005)
length and width		≤ 10 mm	DIN EN 438 - 2 (april2005)
flatness		≤ 80 mm/m	DIN EN 438 - 2 (april2005)
Allowances			
color		slight variation	DIN EN 14323 (june 2004)
gloss level/ texture		slight variation	DIN EN 14323 (june 2004)
fouling		≤ 1,0 mm ² /m ²	DIN EN 14323 (june 2004)
scratches		≤ 20 mm/m ²	DIN EN 14323 (june 2004)
Emissions			
formaldehyde emissions		E1	DIN EN 120 (aug. 1992)
Others			
surface gloss level *			DIN EN 14323 (june 2004)
surface brightness**			DIN 4554 (dez. 1986)
fire classification	B2 (Typ S + P) B1 (Typ F)		DIN 4102 - 1 (may 1998)
surface resistance		1x10 ⁹ Ω - 1x10 ¹² Ω	DIN 53482

* depending on surface ** depending on decor; *** appendix A EN 438-3 : 2005
the laminates are gluing for these tests on particleboard, density about 650 kg/m³

These details correspond to our current state of knowledge and are meant to provide information about our product. They are not meant to assure certain product properties or their suitability for specific applications. Industrial property rights that may exist must be observed. We ensure perfect quality within our general conditions of sale.