

TECHNICAL INFORMATION DECKING PROFILE®

TEST	STANDARD	VALUE	STANDARD DESVIATION
Apparent density (kg/m ³)	EN 323:1993	718	5
Density (kg/m ³)	EN 323:1993	1155	5
MOR (N/mm ²) - Longitudinal	EN 310:1993	31,7	1,1
MOE (N/mm ²) - Longitudinal	EN 310:1993	3650	80
Cyclic testing of moisture conditions (longitudinal)			
· MOR (N/mm ²) - Longitudinal	EN 321:2001	27,4	0,6
· MOE (N/mm ²) - Longitudinal	(EN 310:1993)	2880	110
Absorption of thickness after immersion in water 24 hours (%)	EN 317:1994	2,48	0,07
Swelling of thickness after immersion in water 24 hours (%)	EN 317:1994	0,47	0,05
Resistance to impact			
· Ball large diameter	EN 13329:2006	IC3 High Hardness	-
· Ball small diameter		IC3 High Hardness	-
Thermal expansion coefficient (mm/m°K)	CEN TS 15534:2007	0,027	0,001
Hot-cold cycles (COLD CHECK Test) (valuation after 40 cycles)	Based on UNE 48025:1979	Without deterioration	-
Slip resistance (USRV)			
· Longitudinal	EN 15676:2007 (APENDIX A)	Clase 3 Suitable damp outdoor	-
· Transversal		Clase 3 Suitable damp outdoor	-
Electrostatics charges accumulation	EN 1815:1997	ANTISTATIC Charge < 2kV	-
UV Artificial weathering (tras 5000 horas)	CEN 15534-1:2007	ΔE* < 5,0	-
Total heavy metals content (ppm)	Directive 94/62/CE (Cd, Pb, Cr, Hg)	ND (Non detectable)	-
Puncture resistant. Brinell hardness (N/mm ²)	UNE EN 1534	114	3

Tests made by AIDIMA. AIDIMA is an accredited lab by ENAC in Spain.
www.aidima.es www.enac.es

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