

TECHNICAL DATA issued in accordance with the EN 14904:2006 Standard

MONDOFLEX Thickness 2,5 mm + Everlay High Protection

REV. 2 - 12/2020

GENERAL PROPERTIES	TEST METHODS	UNIT OF MEASURE	REQUIREMENTS EN 14904:2006	VALUES FROM MANUFACTURING CONTROLS
Total thickness	EN ISO 24346	mm	-	10,3
Mass per unit area	EN ISO 23997	g/m ²	-	6800
Slip resistance	EN 13036-4	-	80 ÷ 110	95
Shock absorption	EN 14808	%	25 ÷ 75	39
Vertical deformation	EN 14809	mm	≤ 5	2,1
Vertical ball behaviour	EN 12235	%	≥ 90	≥ 90
Rolling load behaviour (1500 N)	EN 1569	mm	≤ 0,5	≤ 0,5 (no damage)
Resistance to wear	EN ISO 5470-1 (H18 wheels, 1 kg, 1000 cycles)	mg	≤ 1000	in conformity
Fire classification	EN 13501-1	class	-	CLASS C _{fl} - s1 with or without adhesive
Specular gloss	EN ISO 2813	%	≤ 30	in conformity
Resistance to indentation	EN 1516	mm	≤ 0,5	in conformity
Resistance to impact (mass 800 g; height 1 m)	EN 1517	mm	-	≤ 0,5 (no damage)
OPTIONAL PROPERTIES	TEST METHODS	UNIT OF MEASURE	REQUIREMENTS	VALUES FROM MANUFACTURING CONTROLS
Improvement in footfall sound absorption	ISO 10140-3/717-2	dB	-	23
Dimensional stability	EN ISO 23997	%	-	no appreciable variation
Hardness of wear layer	ISO 7619-1	Shore A	-	80
Thermal resistance	EN 12667	m ² K/W	-	0,158
Thermal conductivity	EN 12667	W/mK	-	0,065
Volatile Organic Compounds (VOC) French Decret 2011-321	ISO 16000	class	manifold	Class A+ (Mondoflex) Class A+ (Everlay High Protection)
Reduction of bacterial activity	ISO 22196	%	-	> 99,9999 (E. Coli) > 99,999 (S. Aureus)
Antibacterial activity	ISO 22196	R	-	6,27 (E. Coli) 5,08 (S. Aureus)