

TECHNICAL DATA issued in accordance with the EN 1817 standard

MONDOARMOR - thickness mm 18

REV. 03 - 12/2018

Tiles: 91,4x91,4 cm. (*) Weight: 20 kg/m²

(*) Tiles installation is recommended for surface areas less than 20 m² only. In bigger areas the product will be installed combining MondoArmor 6 mm and Baselast EX 12 mm rolls on site.

EN 1817 PROPERTIES	TEST METHODS	UNIT OF MEASURE	REQUIREMENTS	AVERAGE VALUES RESULTING FROM PRODUCTION CONTROLS
Overall thickness	ISO 24346	mm	17,85 ÷ 18,15	18,0
Thickness of wear layer	ISO 24340	mm	1,85 ÷ 2,15	2,0
Dimensional stability	ISO 23999	%	≤ 0,4	in conformity
Hardness	ISO 7619-1	Shore A	≥ 75	80
Residual indentation (after static loading)	ISO 24343-1	mm	≤ 0,20	in conformity
Abrasion resistance	ISO 4649 method A 5 N vertical load	mm ³	≤ 250	150
Colour fastness to artificial light	ISO 105-B02 method 3	degree	blue scale ≥ 6 grey scale ≥ 3	in conformity
Classification	ISO 10874	class	-	21-23/31-34/41-43
Effect of castor chair	EN 425	-	no surface change except dullness	suitable with wheels type W
EN 14041 PROPERTIES	TEST METHODS	UNIT OF MEASURE	REQUIREMENTS	AVERAGE VALUES RESULTING FROM PRODUCTION CONTROLS
Fire classification	EN 13501-1	class	-	CLASS CfI-s2 with or without adhesive
Dynamic coefficient of friction	EN 13893	-	≥ 0,3	in conformity (DS)
Electrostatic propensity	EN 1815	kV	< 2 (antistatic)	in conformity
Thermal resistance	EN 12667	m ² K/W	-	0,09
Thermal conductivity	EN 12667	W/mK	-	0,2
OPTIONAL PROPERTIES	TEST METHODS	UNIT OF MEASURE	REQUIREMENTS	AVERAGE VALUES RESULTING FROM PRODUCTION CONTROLS
Improvement in footfall sound absorption	ISO 10140-3 ISO 717/2	dB	-	21
Vertical electrical resistance (R _v)	EN 1081	Ohm	-	≥ 10 ¹⁰
Effect of stains	ISO 26987	-	-	not affected (**)
Cigarette heat resistance	EN 1399	class	method A ≥ 4 method B ≥ 3	method A ≥ 4 method B ≥ 3
Slip resistance	EN 13036-4	-	-	100 ÷ 115
Shock absorption	EN 14808	%	-	≥ 25
Vertical deformation	EN 14809	mm	-	< 3
Vertical ball behaviour	EN 12235	%	-	≥ 95
Resistance to a rolling load (1500 N)	EN 1569	mm	-	≤ 0,5 (no damage)
Resistance to wear	EN ISO 5470-1 (H18 wheels, 1 kg, 1000 cycles)	mg	-	800
Specular gloss	EN ISO 2813	%	-	≤ 30
Resistance to indentation	EN 1516	mm	-	0,3
Resistance to impact	EN 1517	mm	-	≤ 0,5 (no damage)
Volatile Organic Compounds (VOC) French Decret 2011-321	ISO 16000	class	-	CLASS A+

(**) when tested by means of detergents specifically used for rubber floorcoverings.

