

**TECHNICAL DATA** issued in accordance with the EN 1816 standard

**MONDOARMOR 6 mm + EVERLAY B 4 mm**

REV. 00 - 07/2016

Tiles: 91,35x91,35 cm. Weight: 10,45 kg/m<sup>2</sup>

EN 1816 PROPERTIES	TEST METHODS	UNIT OF MEASURE	REQUIREMENTS	AVERAGE VALUES RESULTING FROM PRODUCTION CONTROLS
Overall thickness	ISO 24346	mm	9,80 ÷ 10,20	10,0
Thickness of wear layer	ISO 24340	mm	1,80 ÷ 2,20	2,0
Thickness of foam backing	ISO 24340	mm	≥ 4,0	4,0
Dimensional stability	ISO 23999	%	≤ 0,4	0,2
Flexibility (diameter of mandrel 20 mm)	ISO 24344 method A	-	no fissuring	no fissuring
Hardness of wear layer	ISO 7619-1	Shore A	≥ 75	in conformity
Abrasion resistance of wear layer	ISO 4649 method A 5 N vertical load	mm <sup>3</sup>	≤ 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	-	21-23/31-33
Peel resistance	ISO 23345	N/50 mm	≥ 50	in conformity
EN 14041 PROPERTIES	TEST METHODS	UNIT OF MEASURE	REQUIREMENTS	AVERAGE VALUES RESULTING FROM PRODUCTION CONTROLS
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 <sup>2</sup> K/W	-	0,1
Thermal conductivity	EN 12667	W/mK	-	0,1
OPTIONAL PROPERTIES	TEST METHODS	UNIT OF MEASURE	REQUIREMENTS	AVERAGE VALUES RESULTING FROM PRODUCTION CONTROLS
Vertical electrical resistance (R <sub>i</sub> )	EN 1081	Ohm	-	≥ 10 <sup>10</sup>
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	%	-	20
Vertical deformation	EN 14809	mm	-	< 1,5
Vertical ball behaviour	EN 12235	%	-	≥ 90
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	-	< 0,2
Resistance to impact	EN 1517	mm	-	≤ 0,5 (no damage)

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



Mondo keeps the right to modify the characteristics of the products in any moment.