

**TECHNICAL DATA** issued in accordance with the EN 1817 standard

**RAMFLEX - thickness mm 10**

REV. 02 - 06/2017

**Rolls: height cm 186, length 9 m. Tiles: 91,35x91,35 cm. Weight: 13,5 kg/m<sup>2</sup>**

<u>EN 1817 PROPERTIES</u>	<u>TEST METHODS</u>	<u>UNIT OF MEASURE</u>	<u>REQUIREMENTS</u>	<u>AVERAGE VALUES RESULTING FROM PRODUCTION CONTROLS</u>
Overall thickness	ISO 24346	mm	9,85 ÷ 10,15	10,0
Thickness of wear layer	ISO 24340	mm	2,05 ÷ 2,35	2,2
Dimensional stability	ISO 23999	%	≤ 0,4	in conformity
Flexibility (diameter of mandrel 20 mm)	ISO 24344 method A	-	no fissuring	no fissuring
Hardness	ISO 7619-1	Shore A	≥ 75	in conformity
Residual indentation (after static loading)	ISO 24343-1	mm	≤ 0,20	0,18
Abrasion resistance	ISO 4649 method A 5 N vertical load	mm <sup>3</sup>	≤ 250	100
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
<u>EN 14041 PROPERTIES</u>	<u>TEST METHODS</u>	<u>UNIT OF MEASURE</u>	<u>REQUIREMENTS</u>	<u>AVERAGE VALUES RESULTING FROM PRODUCTION CONTROLS</u>
Fire classification	EN 13501-1	class	-	CLASS Cfl-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 <sup>2</sup> K/W	-	0,033
Thermal conductivity	EN 12667	W/mK	-	0,3
<u>OPTIONAL PROPERTIES</u>	<u>TEST METHODS</u>	<u>UNIT OF MEASURE</u>	<u>REQUIREMENTS</u>	<u>AVERAGE VALUES RESULTING FROM PRODUCTION CONTROLS</u>
Improvement in footfall sound absorption	ISO 10140-3 ISO 717-2	dB	-	16,6
Vertical electrical resistance (R <sub>v</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	-	-	85
Shock absorption	EN 14808	%	-	12
Vertical deformation	EN 14809	mm	-	≤ 0,7
Vertical ball behaviour	EN 12235	%	-	≥ 98
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	-	500
Specular gloss	EN ISO 2813	%	-	≤ 30
Resistance to indentation	EN 1516	mm	-	0,1
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.

