

TECHNICAL DATA issued in accordance with the EN 1817 standard

RAMFLEX - thickness mm 6

REV. 07 - 05/2015

Rolls: height cm 186, length 6/12m. Tiles: 91,35x91,35 cm. Weight: 8 kg/m²

EN 1817 PROPERTIES	TEST METHODS	UNIT OF MEASURE	REQUIREMENTS	AVERAGE VALUES RESULTING FROM PRODUCTION CONTROLS
Overall thickness	ISO 24346	mm	5,85 ÷ 6,15	6,0
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	0,15
Abrasion resistance	ISO 4649 method A 5 N vertical load	mm ³	≤ 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
EN 14041 PROPERTIES	TEST METHODS	UNIT OF MEASURE	REQUIREMENTS	AVERAGE VALUES RESULTING FROM PRODUCTION CONTROLS
Fire classification	EN 13501-1	class	-	CLASS Cf1-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	-	0,02
Thermal conductivity	EN 12667	W/mK	-	0,3
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	-	14,5
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	-	-	85
Shock absorption	EN 14808	%	-	8
Vertical deformation	EN 14809	mm	-	≤ 0,5
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	-	0,05
Resistance to impact	EN 1517	mm	-	≤ 0,5 (no damage)
Volatile Organic Compounds (VOC) AgBB Scheme	ISO 16000	manifold	-	in conformity
Volatile Organic Compounds (VOC) French Decret 2011-321	ISO 16000	class	-	CLASS A+

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

