

Recoarse

Technical Specifications

ERE-TS-20210604-02-EN

Name	Standard	Symbol	Result														
CE / DOP	EN 14041		CPR/AI/009														
Usage Classification	EN 1307		23, 33														
Luxury Class	EN 1307		LC4														
Size	EN 994		609.6 x 609.6mm (24" x 24")														
Construction Gauge	ISO 2424		Textured Pattern Loop 1/12"														
Fibre Composition	-		Nylon 6,6														
Dye Method	-		Solution Dyed														
Primary Backing	-		Woven Polyester														
Secondary Backing	-		PVC														
Stitches per 10cm	-		33														
Total Thickness (mm)	ISO 1765		8.2 mm (+15%/-10%)														
Total Mass Per Unit Area (g/m ²)	ISO 8543		3770 g/m ² (±15%)														
Effective Pile Thickness (mm)	ISO 1766		5.2 mm														
Pile Mass Total/Effective (g/m ²)	ISO 8543		1289/923 g/m ²														
Surface Pile Density (g/cm ³)	ISO 8543		0.18 g/cm ³														
Number of Tufts/Loops (calculated per m ²)	ISO 1763		195,200														
Fire Resistance	EN 13501-1		C _{fl} -s1														
Slip Resistance	EN 13893		Class DS														
Suitability for Stairs	EN1307 Annex C		Yes (with protective nosings)														
Dimension Stability	EN 986		≤ 0,2 %														
Anti-Static Body Voltage (kV @25%rh)	ISO 6356		≤ 2.0 kV														
Vertical Electric Resistance	EN 10965		≥ 10 ¹⁰ Ω														
Horizontal Electric Resistance	EN 10965		≥ 10 ¹⁰ Ω														
Castor Chair Suitability	EN 985		r ≥ 2.4 / Intensive Use														
Light Colour Fastness	EN ISO 105: B02		≥ 6														
Colour Fastness to Rubbing	EN ISO 105: X12		4/5														
Colour Fastness to Water	EN ISO 105: E01		4/5														
Resistance to Fraying	EN 1814		Pass														
Impact Sound Insulation ΔL _w	EN ISO 717-2		23 dB														
Sound Absorption	ISO 354		α _w = 0.15 <table border="1"> <tr> <td>Hz</td> <td>125</td> <td>250</td> <td>500</td> <td>1000</td> <td>2000</td> <td>4000</td> </tr> <tr> <td>α_s</td> <td>0.01</td> <td>0.02</td> <td>0.06</td> <td>0.16</td> <td>0.32</td> <td>0.41</td> </tr> </table>	Hz	125	250	500	1000	2000	4000	α _s	0.01	0.02	0.06	0.16	0.32	0.41
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α _s	0.01	0.02	0.06	0.16	0.32	0.41											
Thermal Resistance (m ² K/W)	ISO 8302		0.084 m ² K/W														
Emissions COV			A+														
Emissions	M1		Pass														
Emissions	IAC Gold		Certified https://cer.rts.fi/en/m1-emission														
Environment	ISO 14025		Mannington decl. no EPD 10269														