Drift Carpet Tile
Technical Specification

DRI-TS-20200304-03-EN

Name	Standard	Symbol	Result
CE / DOP	EN 14041		CPR/AI/025
Usage Classification	EN 1307		23,33
Luxury Class	EN 1307		LC1
Size	EN 994		500mm x 500mm
Construction Gauge	ISO 2424		Tufted Loop 1/10″
Fibre Composition		PA	Polyamide Nylon 6
Dye Method			Solution dyed
Backing			Flexible Back and Acoustic Flexible Back
Stitches for 10cm			48
Total Thickness (mm)	ISO 1765		5.6mm (50gsm Flexible Back) 7.6mm (500gsm Acoustic Flexible Back)
Total Mass Per Unit Area (g/m²)	ISO 8543		4200g/m² (50gsm Flexible Back) 5700g/m² (500gsm Acoustic Flexible Back)
Effective Pile Thickness (mm)	ISO 1766		3.0mm
Total Pile Mass (g/m²)	ISO 8543		740
Number of Tufts/Loops (calculated per m²)	ISO 1763		189,600
Fire Resistance	EN ISO 13501-1	B_{fl}-s1	B_{fl}s1
Slip Resistance	EN 13893	DS	Class DS
Dimension Stability	EN 986		≤ 0.2 %
Anti-Static Body Voltage (kV @25%rh)	ISO 6356		≤ 2.0 kV
Vertical Electric Resistance	ISO 10965		4 x 10^{10} Ω
Horizontal Electric Resistance	ISO 10965		3 x 10^{8} Ω
Castor Chair Suitability	EN 985		Intensive Use
Light Colour Fastness	EN ISO 105:B02		≥ 5
Colour Fastness to Rubbing	EN ISO 105:X12		5
Colour Fastness to Water	EN ISO 105:E01		4
Impact Sound Insulation ΔLw	EN ISO 717-2		23dB (50gsm Flexible Back) 29dB (500gsm Acoustic Flexible Back)
Sound Absorption	EN ISO 11654 ISO 354		α_w = 15 (Hz: 125, 250, 500, 1000, 2000, 4000; α_s: -0.00, 0.06, 0.07, 0.14, 0.31, 0.32) Flexible Back α_w = 25 (Hz: 125, 250, 500, 1000, 2000, 4000; α_s: -0.01, 0.05, 0.39, 0.18, 0.26, 0.36) Acoustic Flexible Back
Thermal Resistance (m²K/W)	ISO 8302		0.08 m²K/W (50gsm Flexible Back) 0.11 m² K/W (500gsm Acoustic Flexible Back)

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