Tarkett

Essence Roots

TECHNICAL AND ENVIRONMENTAL SPECIFICATIONS

CLASSIFICATION

	Norm	Tarkett value
Product type	EN 1307	Textile floor coverings
Commercial classification	EN 1307	33 Heavy
Domestic classification	EN 1307	23 Heavy
Quality & environment certifications	-	ISO 14001

CHARACTERISTICS

	Norm	Tarkett value
Effective pile thickness	ISO 1766	3.4 mm
Total Mass	ISO 8543	4000 g/m² (117 oz/yd²)
Total pile mass	ISO 2424	580 g/m² (17.1 oz/yd²)
Effective pile mass	ISO 8543	380 g/m² (11.2 oz/yd²)
Pile density	ISO 8543	0.112 g/cm³ (0.0486 lb/in³)
Number of tufts	ISO 1763	15.8 /dm² (1321.1 /yd²)
Laying direction	-	HorzA/Quart
Light reflectance value (%)	-	Please refer to the product page.
Gauge Rate	-	1/10"
Construction Process	ISO 2424	Tufted
Pile construction	ISO 2424	Structured loop pile
Dye Method	-	Solution dyed
Primary backing	ISO 2424	Polyester fleece
Secondary backing	ISO 2424	B1 ProBase
Pile fibre	ISO 2424	BCF PA6
Total thickness	ISO 1765	6.50 mm

PERFORMANCE FOR CE MARKING

	Norm	Tarkett value
Content of Pentachlorophenol	-	DL
Declaration of Performance	EN 14041	0493-CPR-0002-02
Electrical Propensity	ISO 6356	Antistatic (≤ 2 kV)
Reaction to fire	EN 13501-1	Bfl-s1
Slip resistance (EN 13893)	EN 13893	Class DS (μ ≥ 0.30)
Thermal resistance (m² K/W)	ISO 8302	0,078 m²•K/W
Formaldehyde emission	EN 717-1	E1

TECHNICAL PERFORMANCE

	Norm	Tarkett value

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Luxury rating	EN 1307	LC1
Dimensional stability	EN 986	≤ 0,20 %
Impact sound reduction - ΔLw	ISO 10140	25 dB
Sound absorption (noise reduction) - αw	ISO 354	0.2
Castor chair effect	ISO 4918	Intensive use
Underfloor heating	-	Suitable (subfloor temperature maximum 27°C)

SUSTAINABILITY, ENVIRONMENT & INDOOR AIR QUALITY

	Norm	Tarkett value
Cradle to Cradle®	-	Bronze
Phthalate free	-	Yes
EPD	-	Yes
Made In	-	Europe
GUI Fine Dust	-	Basic
Recyclable	-	Yes - post-use, yarn only, through ReStart® (ISO 14021)
Material Health Statement	-	Yes
EPD Number	-	S-P-08639
Carbon Footprint (Cradle-to-Gate, EPD Modules A1-A3)	-	7.63 kg CO_2e /m²