



Desso Essence Structure

12 Trendy Colours

Affordable Design

Optional EcoBase Backing

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Essence Structure

 **Tarkett**

TECHNICAL DATA SHEET

Product Characteristics	Standards	Desso Essence Structure
Product Construction	ISO 2424	Loop Pile
Yarn Type		100% Solution Dyed BCF Polyamide 6
Gauge	ISO 2424	1/10"
Primary Backing	ISO 2424	Polyester Fleece
Secondary Backing	ISO 2424	DESSO ProBase Polyver® - Polyscan®
Number of Stitches	ISO 1763	1580/dm ²
Pile Weight	ISO 8543	580 g/m ² 17.1 oz/yd ²
Total Weight	ISO 8543	4050 g/m ²
Pile Density	ISO 8543	0.114 g/cm ³
Thickness of pile above substrate	ISO 1766	2.8mm (+/-0.5mm)
Total Thickness	ISO 1765	6.5mm(+/-0.5mm)
Dimension	EN 994	500mm x 500mm & 250mm x 1000mm
Installation Methods		Tiles: Brick, Quarter Turn Planks: Ashlar, Random Ashlar, Herringbone
Tiles per box/area		20 /5m ²
Warranty		15 years
Performance Characteristics	Standards	Desso Essence Structure
Reaction to fire	ISO AS 9239-1	Critical Radiant Flux 8.8kW/m ² Smoke - 192%.min
ACCS Grading		Contract Heavy Duty & Stairs
Electrostatic properties	ISO 6356	<2 kV
Thermal Resistance	ISO 8302	0.071 m ² K/W
Dimensional Stability	EN 986	≤ 0.2%
Noise Reduction	ISO 354	$\alpha_w = 0.15$
Impact Sound Reduction	ISO 10140	ΔL_w 24 dB

Recommended specification clauses for your project:

1. Product must be Tarkett carpet tile number starting with 711464 (tiles) or 711533 (planks).
2. 100% Recycled Solution Dyed Nylon 6 yarn carpet tiles with 500mm x 500mm or 250mm x 1000mm planks with ProBase™ backing.
3. 15 year commercial manufacturer's warranty.
4. Must be installed as per manufacturer's instructions.

The information in this data sheet is correct at date of publication however, due to Tarkett's commitment for ongoing product improvement, we reserve the right to change this information without notice. Please note that Tarkett's instructions regarding installation, cleaning and maintenance must be observed. Please contact Tarkett for further information on these instructions.



Disclaimer: Please note that products in photos are installed for creative purposes and not according to technical specifications. Please refer to Tarkett installation instructions for guidance.

Contact: Tarkett Australia
P: 1300 851 484
E: customerservice@tarkett.com
W: www.tarkett.com.au

