

MELKEA Office

Tufted loop pile carpet tile in 100 % solution-dyed nylon — a hard-wearing, colour-stable floor engineered for continuous commercial use.

TILE SIZE 50 × 50 cm	TOTAL THICKNESS 5.5 mm	PILE FIBRE SDN 100 %	FIRE CLASS Bfl-s1	SOUND ABSORPTION 24 dB	PER BOX 20 tiles
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CONSTRUCTION

Product definition	Tufted loop pile
Gauge	1/10"
No. of tufts ISO 1763	± 188 900 /m²
Pile fibre	100 % Solution Dyed Nylon
Pile weight ISO 8543	555 gr/m² ± 5 %
Pile height ISO 1766	3.00 mm ± 5 %
Primary backing	PA/PES · Colback
Tile backing	Primbace
Backing option	Felt backing
Total thickness ISO 1765	5.5 mm ± 5 %
Total weight ISO 8543	4020 gr/m² ± 7.5 %
Tile size	50 × 50 cm
Tiles per box	20

FLAME PROPERTIES

Reaction to fire EN ISO 11925-2 / 9239-1	Bfl-s1
Hot metal nut test BS 4790	Low radius

PERFORMANCE

Use classification EN 1307	33
Castor chair test EN 985	A · continuous
Abrasion ISO 12951	Pass
Vettermann ISO 10361 / EN 1471	Pass
Thermal isolation ISO 8302	0.08 m²K/W
Dimensional stability EN 986	Pass
Luxury / comfort EN 1307	Classe 1
Sound absorption ISO 140-8	24 dB

ELECTROSTATIC

Walk-on test ISO 6356	−0.1 kV
Horizontal resistance ISO CD 10965	3 × 10 ⁸ Ω
Vertical resistance ISO CD 10965	4 × 10 ¹⁰ Ω
Static loading	Anti-static

COLOUR FASTNESS

Light ISO 105 B02	> 5
Rubbing · dry / wet ISO 105 X12	5.0 / 5.0
Shampoo BS 1006	5.0
Water · stains ISO 105 E01 / TNQ W 6024	4.5 / 5.0

CERTIFICATIONS & ENVIRONMENT

Eurofins Indoor Air Comfort GOLD — CERTIFIED PRODUCT	TÜV ProfiCert PRODUCT INTERIOR	CE EN 14041	GUT EMISSION CONTROL	A+ ÉMISSIONS DANS L'AIR	SDN SOLUTION DYED NYLON
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COLOURWAY PROGRAMME

13 SHADES

Linen 216	Pebbles 543	Platin 985	Taupe 517	Steel Grey 314	Steel Blue	Fern 546	Cobalt 597	Navy 714	Graphite 361	Espresso 542	Coal 591	Amarylis 433

INSTALLATION & CARE

CONDITIONING

Acclimatise tiles on-site for min. 24 h at 15–30 °C, in the same environment where they will be installed.

SUBFLOOR

Clean, dry, smooth, structurally sound and free from grease, wax, loose particles or other contaminants.

PILE DIRECTION

Each tile is marked on the reverse with a directional arrow; consistent orientation ensures uniform colour appearance.

RECOMMENDED LAYOUT

Quarter-turn (checkerboard) minimises visible shading. Monolithic, ashlar and brick layouts also compatible.

LAYING

Loose-lay secured with MELKEA TacTabs; a tackifier may be used. Begin from the centre, working outward.

MAINTENANCE

Clean by dry extraction (dry shampoo) — avoids moisture in the backing and preserves a loose-lay installation.