



Technical specification | Solar

Type	: tufted non filled synthetic grass carpet
Yarn material	: PE monofilament straight & PP monofilament curled
Yarn type	: 5.000/8 dTex + 3.100/8 dTex
Yarn quality	: environmental friendly, UV stabilized, UV stability meets DIN 53387 standard
Colour fastness	: free of lead and cadmium
Primary backing	: xenon test: blue scale > 7, grey-scale > 4
Secondary backing	: 100% PP Thiobac ® with fleece, black, UV stabilized
	: weight 155 gr/m ²
	: black latex compound with a base of styrene-butadiene (SBR), with drainage holes
	: weight 850 gr/m ²



Tuft gauge	: 3/8''
Pile height	: 40 mm (+/-10%)
Stitches per 10cm	: 20 (+/-10%)
Stitches per m ²	: 21.000 (+/-10%)
Face weight	: 1.550 gr/m ² (+/-10%)
Total weight	: 2.555 gr/m ² (+/-10%)

Roll width	: 400cm + 200cm (+/- 2cm)
Roll length	: 25.20 m ¹ (+/- 20cm)
	: roll length may vary

Water permeability	: 60 liter/min/m ²
Fire retardant classification	: Cfl-S1 (EN ISO 11925-2: sand filled ca. 5mm)
	: Efl-S1 (EN ISO 11925-2; non filled)
Batch information	: before installation make sure the first 4 digits of the roll number are equal
Shrinkage	: shrinkage can appear due to high temperatures. Make sure the carpet can relax before cutting
Infill recommendation	: non infill (optional 5kg/m ²)

Avalon has the right to alter each product specification in order to improve the artificial grass according to the newest technological applications.

Avalon is not legally liable in case of non-compliance with the above mentioned specifications.

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