

Singular beauty

KYOTO artificial grass was developed in order to take advantage of the creation of FLORENCIA artificial grass and the positive changes it brought to the market. KYOTO further builds on this resounding success by incorporating cutting-edge technical improvements and top class qualities that make it a truly unique product on the market

Like the model on which it is based, KYOTO artificial grass is made using 3 different yarns per stitch, with two monofilament yarns of different shapes that provide two distinct recoveries after being stepped on. In addition to this, the fact that it combines four shades of green, which added to the two beige and brown tones of the curled yarns of the root, gives an artificial grass with 6 colours in total, which will amaze you when you see how real it looks

Two critical factors really stand out with the KYOTO model. First and foremost, its impressive 55 millimetre pile height gives this model a more visual edge and greater tactile sensation, which is far superior to any of the other models (normally manufactured at a pile height of 30-40 mm)


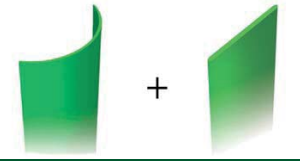

Secondly, in order to make up for this increase in height without losing any resilience or recovery after being stepped on, a yarn of 16,900 DTEX has been used. So essentially, we have increased the thickness of the yarn, especially for the flat shaped fibres





The density of the product has also been increased to 15,850 stitches / m2. The clever design aims to reduce the distance between seams, and the use of curly yarn means greater pressure on the backing of the monofilaments

Thanks to this combination of special features made with careful attention-to-detail, you get a completely unique model of artificial grass exceeding 3,000 gr / m2, which is an absolutely exceptional and unrivalled feat in the industry

The generous amount of yarn, the special types of yarn used, along with its placement and mass, almost make KYOTO grass a type of "fall resistant" safety flooring for children for private or domestic use

Innovation, beauty and safety. Is this grass really artificial ?

DENSITY 16275 stitches / m2	PILE WEIGHT 3300 grammes / m2	PILE HEIGHT 55 mm
		
APPEARANCE	SHAPE OF YARN	A CLOSER LOOK



LEVEL OF USE	TYPICAL USES	ICONS
Intense, it is going to be stepped on continuously	<ul style="list-style-type: none"> gardens of apartment block communities community pools, etc... 	
High, it will be stepped on frequently	<ul style="list-style-type: none"> private gardens swimming pools any other frequently walked-on area, etc... 	
Medium, you will step on it just occasionally	<ul style="list-style-type: none"> private gardens terraces / penthouse apartments swimming pools other less frequented areas, etc... 	
Low, merely decorative	<ul style="list-style-type: none"> decorative gardens roundabouts / separators shop windows fairs / events, etc... 	

DEGREE COMFORT	intense	
DEGREE RESILIENCE	high	
DEGREE REAL-LIFE APPEARANCE	intense	
DEGREE SOFTNESS	intense	

TECHNICAL CHARACTERISTICS OF THE YARN	
DTEX	16900
Filament configuration	8 straight (yarn 1) + 6 straight (yarn 2) + 8 curly
Straight yarn	
Structure	Monofilament (both yarns)
Yarn 1 shape	Concave C-shape
Yarn 2 shape	Flat
Composition	Polyethylene (both yarns)
Yarn 1 colour shade	Two-tone green (two colours)
Yarn 2 colour shade	Two-tone green (two colours)
Matte Treatment	Yes
UV stabilised	Yes
Respectful with the environment	Yes, lead and cadmium free
Curly yarn	
Structure	Texturised
Composition	Polypropylene
Colour	Beige and brown

TECHNICAL CHARACTERISTICS OF THE BACKING	
Primary support composition	Polypropylene
Primary support layers	2
Reinforced with net	No
Primary support weight	240 grammes / m2
Support coating	Latex
Support coating weight	950 grammes / m2

GENERAL TECHNICAL CHARACTERISTICS	
Type of manufacturing system	Tufted cut pile + curly yarn
Gauge	3/8"
Stitches per m2	16275 (+/- 10%)
Stitches rate per 10cm	15,5 (+/- 1)
Pile height	55 mm (+/- 5%)
Total height	57 mm (+/- 5%)
Pile weight	3300 gr / m2 (+/- 10%)
Total weight	4490 gr / m2 (+/- 10%)
Dimensional stability	+/- 0,60 %
Water permeability	40 litres / minute / m2
Instalación	Floating without silica sand infill (optional)

FORMATS AND MEASUREMENTS	
Rolls  width: 2 meters length: 20 meters	Rolls  width: 4 meters length: 20 meters

