

Experience, tradition and avant-garde

Thanks to the knowledge and know-how accumulated in our long trajectory in which SUMIGRAN has set the trends and technical evolution in the sector, we have been able to create a product that combines the technical and aesthetic qualities of superior range models, at the best price possible

With the fruit of knowledge and experience with continuous improvement as a permanent value in all new developments that SUMIGRAN presents in the artificial grass market, we created the SHANGHAI grass

Made with a straight strand "micro monofilament concave U-shape" from the last generation (soft, elastic and resilient) and accompanied with one of the main innovations of this season




The curly yarn is a "hybrid" fiber composed by mixing polypropylene and polyethylene. With this evolution we managed to combine the advantages of both materials in that fiber. That is, we maintain the volume and resistance to factors such as polypropylene heat, and add the softness and elasticity that polyethylene offers. So we have a fiber with body and volume, to promote comfort and resilience, but at the same time it is soft and natural





The SHANGHAI model has been designed in a 38 mm thread height and with an extraordinary density of more than 27,000 stitches / m2, which leads to the comfort and softness of the final product

The combination of the physical characteristics, the raw material of origin, the combination of selected colors and the thread give this model a very natural look

The SHANGHAI artificial grass is valid for all types of landscape projects of high decoration, gardens, common areas of high traffic, green areas of buildings and business parks, etc.

Only the sum of experience and effort allow us to create products of the level of excellence of the SHANGHAI artificial grass. "Ad astra per aspera"

DENSITY 27250 stitches / m2	PILE WEIGHT 1918 grammes / m2	PILE HEIGHT 38 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 OF COMFORT	high	
DEGREE OF RESILIENCE	high	
DEGREE OF REAL-LIFE APPEARANCE	high	
DEGREE OF SOFTNESS	intense	

TECHNICAL CHARACTERISTICS OF THE YARN	
DTEX	8200
Filament configuration	8 straight + 8 curly
Straight yarn	
Structure	Micro monofilament (MMF)
Shape	Concave in U
Thickness	100 - 120 µm
Width	0,60 - 0,70 mm
Composition	Polyethylene
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	Textured
Composition	Polypropylene
Colour	Beige and green

TECHNICAL CHARACTERISTICS OF THE BACKING	
Primary support composition	Polypropylene
Primary support layers	1
Reinforced with net	Yes
Primary support weight	150 grammes / m2
Support coating	Latex
Support coating weight	900 grammes / m2

GENERAL TECHNICAL CHARACTERISTICS	
Type of manufacturing system	Tufted cut pile + curly yarn
Gauge	3/8"
Stitches per m2	27250 (+/- 10%)
Stitches rate per 10cm	18,5 (+/- 1)
Pile height	38 mm (+/- 5%)
Total height	40 mm (+/- 5%)
Pile weight	1918 gr / m2 (+/- 10%)
Total weight	2968 gr / m2 (+/- 10%)
Dimensional stability	+/- 0,60 %
Water permeability	50 litres / minute / m2
Fire resistance classification	Efl
Installation	Floating without silica sand infill (optional)

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

