

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

APPEARANCE

PILE WEIGHT

1834 grammes / m²

SHAPE OF YARN

PILE HEIGHT

38 mm



A CLOSER LOOK

LEVEL OF USE

Intense, it is going to be stepped on continuously

High, it will be stepped on frequently

Medium, you will step on it just occasionally

Low, merely decorative

TYPICAL USES

- gardens of apartment block communities
- community pools, etc...

- private gardens
- swimming pools
- any other frequently walked-on area, etc...

- private gardens
- terraces / penthouse apartments
- swimming pools
- other less frequented areas, etc...

- decorative gardens
- roundabouts / separators
- shop windows
- fairs / events, etc...

ICONS



DEGREE COMFORT

high



DEGREE RESILIENCE

high



DEGREE REAL-LIFE APPEARANCE

high



DEGREE SOFTNESS

intense



TECHNICAL CHARACTERISTICS OF THE YARN

DTEX	8100
Filament configuration	8 straight + 8 curly
Straight yarn	
Structure	Micromonofilament (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 / m ²
Support coating	Latex
Support coating weight	900 grammes / m ²

GENERAL TECHNICAL CHARACTERISTICS

Type of manufacturing system	Tufted cut pile + curly yarn
Gauge	3/8"
Stitches per m ²	27300 (+/- 10%)
Stitches rate per 10cm	26 (+/- 1)
Pile height	38 mm (+/- 5%)
Total height	40 mm (+/- 5%)
Pile weight	1834 gr / m ² (+/- 10%)
Total weight	2884 gr / m ² (+/- 10%)
Dimensional stability	+/- 0,60 %
Water permeability	50 litres / minute / m ²
Fire resistance classification	Efl
Installation	Floating without silica sand infill (optional)

FORMATS AND MEASUREMENTS

Rolls

width: 2 meters
length: 20 meters

Rolls

width: 4 meters
length: 20 meters