

A leisurely stroll through the fine gardens of Generalife

A lot of water has indeed passed under the bridge since that exciting milestone in the history of SUMIGRAN when we launched our very first version of ALHAMBRA artificial grass on the national market

Needless to say, however, our cherished product has been going from strength to strength ever since and today we are proud to state that our product has become a favourite amongst many of our loyal clients

And the reason is simple. Each year it just improves and evolves through our innovation here at SUMIGRAN. Our aim is crystal clear, namely to merge the highest level of quality and cutting-edge development with the most competitive and affordable price possible

The awe-inspiring Alhambra in Granada with the picturesque gardens of Generalife was the true inspiration behind this outstanding product. Our aim is to model its appearance on the uniqueness, beauty, delicacy and fine craftsmanship of Nasrid art. In the same way that the Generalife is a world-class attraction, our artificial grass is a world-class product

Our latest innovative ALHAMBRA artificial grass offers a wide range of technical and aesthetic qualities that make it a true market leader in the world of artificial landscaping

Firstly, one of the secrets of our success is the 40 mm "micro monofilament" yarn extruded in an "oval" shape, which offers maximum smoothness and resistance thereby recovering vertically extremely quickly after being stepped on

The next key element of innovation is the matt yarn, which mitigates unnatural highlights and reflections, which have been typical of most models of artificial grass on the market until now. We feel this really sets us apart from our competitors

The maximum density technically possible for this type of yarn regarding its size and weight is 25,200 stitches / m2 so we have achieved miracles in making this a reality

With the brilliant combination of yarn height, density and selected Dtex, we obtain a yarn weight of almost 2,000 gr / m2. The end result is artificial grass of extraordinary softness, comfort, and one that offers a cushioning effect after being stepped on, which prevents children from possibly tripping or falling over on the material

A careful, cherry-picked selection of different shades of colours, developed in the last year, make it really stand out compared to any other model on the market today, none of which provide the quality, appearance, texture and finish offered by our artificial grass: ALHAMBRA

A truly unique product, just like the Alhambra itself

DENSITY
25200 stitches / m2

PILE WEIGHT
1908 grammes / m2

PILE HEIGHT
40 mm



APPEARANCE



SHAPE OF YARN



A CLOSER LOOK

LEVEL OF USE
Intense, it is going to be stepped on continuously

TYPICAL USES
<ul style="list-style-type: none"> gardens of apartment block communities community pools, etc...

ICONS

High, it will be stepped on frequently
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<ul style="list-style-type: none"> private gardens swimming pools any other frequently walked-on area, etc...
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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...

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Low, merely decorative

<ul style="list-style-type: none"> decorative gardens roundabouts / separators shop windows fairs / events, etc...
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DEGREE COMFORT	high
DEGREE RESILIENCE	high
DEGREE REAL-LIFE APPEARANCE	high
DEGREE SOFTNESS	high

TECHNICAL CHARACTERISTICS OF THE YARN

DTEX	8800
Filament configuration	8 straight + 8 curly
Straight yarn	
Structure	Micro monofilament (MMF)
Shape	Oval
Thickness	140 - 160 µm
Width	0,65 - 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	2
Reinforced with net	No
Primary support weight	200 grammes / m2
Support coating	Latex
Support coating weight	1050 grammes / m2

GENERAL TECHNICAL CHARACTERISTICS

Type of manufacturing system	Tufted cut pile + curly yarn
Gauge	3/8"
Stitches per m2	25200 (+/- 10%)
Stitches rate per 10cm	24 (+/- 1)
Pile height	40 mm (+/- 5%)
Total height	42 mm (+/- 5%)
Pile weight	1908 gr / m2 (+/- 10%)
Total weight	3158 gr / m2 (+/- 10%)
Dimensional stability	+/- 0,60 %
Water permeability	40 litres /minute / m2
Clasificación resistencia al fuego	Efl
Instalación	Floating without silica sand infill (optional)

FORMATS AND MEASUREMENTS

Rolls width: 2 meters length: 20 meters	Rolls width: 4 meters length: 20 meters
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