

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:

- the 40 mm "micro monofilament" thread extruded in a "U" concave shape offers a great recovery capacity after each step while still offering a soft and natural feel
- 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 1837 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 • gardens of apartment block communities • community pools, etc...	ICONS 
High, it will be stepped on frequently	• private gardens • swimming pools • any other frequently walked-on area, etc...	
Medium, you will step on it just occasionally	• private gardens • terraces / penthouse apartments • swimming pools • other less frequented areas, etc...	
Low, merely decorative	• decorative gardens • roundabouts / separators • shop windows • fairs / events, etc...	
DEGREE OF COMFORT	intense	
DEGREE OF RESILIENCE	high	
DEGREE OF REAL-LIFE APPEARANCE	high	
DEGREE OF SOFTNESS	high	

TECHNICAL CHARACTERISTICS OF THE YARN	
DTEX	8100
Filament configuration	8 straight + 8 curly
Straight yarn	
Structure	Micro monofilament (MMF)
Shape	Concave in U
Thickness	110 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	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	25200 (+/- 10%)
Stitches rate per 10cm	24 (+/- 1)
Pile height	40 mm (+/- 5%)
Total height	42 mm (+/- 5%)
Pile weight	1837 gr / m2 (+/- 10%)
Total weight	2887 gr / m2 (+/- 10%)
Dimensional stability	+/- 0,60 %
Water permeability	40 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

