

Striving for excellence

ORIGAMI artificial grass has been developed as a key part of our wide range of star products thanks to closely following the principles of the Kaizen method, basing its creation on our core principles of quality, hard work and continuous improvement

We have based its creation on the extraordinary IMPRESSION model, and its fibre polymers. We have obtained a prime quality fibre for ORIGAMI, which gives the product elasticity, resilience and resistance, truly essential qualities for any model of artificial grass truly worth its salt nowadays. Furthermore, polymer additives (for protection against UV rays and dyes) of the highest quality have also been applied in the production of this gem of a product, which gives it a further edge in the market

As with the IMPRESSION model, the fibre has 12500 Dtex in a 12 + 8 configuration (which gives the fibres a much more natural feel as they are being used), although in the case of the ORIGAMI model, a greater height of up to 40 mm, is used in its yarns, in order to use more fibre, and therefore get a more fluffy and cushioned feeling to the tread, and ultimately a more comfortable artificial grass experience overall

The product also has the longest-lasting UV resistance guarantee available in Spain (8 years, see information on the warranty) and it also has the "Efl" fire classification based on tests carried out according to EN 13501-1

The fine quality of its fibres and the meticulously chosen master configuration of its make-up simply mean ORIGAMI is an ideal solution for gardens with intense wear and tear and community use, whether it be to lie down or to play around on, in a high degree of comfort

DENSITY
18900 stitches / m2



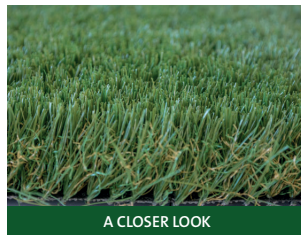
APPEARANCE

PILE WEIGHT
2126 grammes / m2



SHAPE OF YARN

PILE HEIGHT
40 mm



A CLOSER LOOK

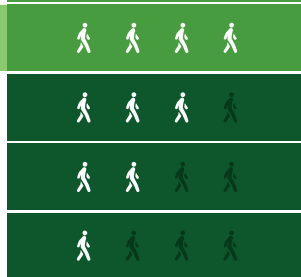
LEVEL OF USE
--------------

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



TECHNICAL CHARACTERISTICS OF THE YARN

DTEX	12500
Filament configuration	12 straight + 8 curly
<b>Straight yarn</b>	
Structure	Micromonofilament ( MMF )
Shape	Cóncava en C
Thickness	120 µm
Width	0,8 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
<b>Curly yarn</b>	
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	155 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	18900 ( +/- 10% )
Stitches rate per 10cm	18 ( +/- 1 )
Pile height	40 mm ( +/- 5% )
Total height	42 mm ( +/- 5% )
Pile weight	2126 gr / m2 ( +/- 10% )
Total weight	3231 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 2

width: 2 meters  
length: 20 meters

Rolls 4

width: 4 meters  
length: 20 meters

