

Striving for excellence




With an uppercase QUALITY as the basic principle in the creation of a new model of artificial grass, and with a basis in the Kaizen method with continuous improvement, we have evolved our ORIGAMI artificial grass

Designed as a product of high resistance and high tread recovery, as well as being fluffy, comfortable and highly realistic. For its creation we have split the raw material of high quality fibers and have configured them in a high decitex, using 12 straight yarn and 8 curled filaments, reaching a sum of 12500 DTEX (which is a tremendously high range if we remember that in ORIGAMI artificial grass we also use "micro monofilaments" for straight yarns)

We have taken care of ORIGAMI artificial grass to the utmost level by listening to customers, users and distributors about what characteristics their "perfect" lawn should have. The assessments and recommendations helped us create, from a blank slate, a great product in a technical, sensory and commercial sense

The result is a virtuous product in all aspects and qualities that will satisfy the needs of every client and user

ORIGAMI artificial grass. Affordable art

<p><b>DENSITY</b></p> <p>30450 stitches / m2</p>  <p>APPEARANCE</p>	<p><b>PILE WEIGHT</b></p> <p>2137 grammes / m2</p>  <p>SHAPE OF YARN</p>	<p><b>PILE HEIGHT</b></p> <p>40 mm</p>  <p>A CLOSER LOOK</p>
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LEVEL OF USE	TYPICAL USES	ICONS
Intense, it is going to be stepped on continuously	<ul style="list-style-type: none"> <li>gardens of apartment block communities</li> <li>community pools, etc...</li> </ul>	
High, it will be stepped on frequently	<ul style="list-style-type: none"> <li>private gardens</li> <li>swimming pools</li> <li>any other frequently walked-on area, etc...</li> </ul>	
Medium, you will step on it just occasionally	<ul style="list-style-type: none"> <li>private gardens</li> <li>terraces / penthouse apartments</li> <li>swimming pools</li> <li>other less frequented areas, etc...</li> </ul>	
Low, merely decorative	<ul style="list-style-type: none"> <li>decorative gardens</li> <li>roundabouts / separators</li> <li>shop windows</li> <li>fairs / events, etc...</li> </ul>	

<b>DEGREE COMFORT</b>	intense	
<b>DEGREE RESILIENCE</b>	intense	
<b>DEGREE REAL-LIFE APPEARANCE</b>	intense	
<b>DEGREE SOFTNESS</b>	high	

TECHNICAL CHARACTERISTICS OF THE YARN	
DTEX	8100
Filament configuration	8 straight + 8 curly
Straight yarn	
Structure	Micromonofilament ( MMF )
Shape	Cóncava en U
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	Hybrid ( Polypropylene + Polyethylene )
Colour	Beige and green

TECHNICAL CHARACTERISTICS OF THE BACKING	
Primary support composition	Polypropylene + net
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	30450 ( +/- 10% )
Stitches rate per 10cm	29 ( +/- 1 )
Pile height	40 mm ( +/- 5% )
Total height	42 mm ( +/- 5% )
Pile weight	2140 gr / m2 ( +/- 10% )
Total weight	3245 gr / m2 ( +/- 10% )
Dimensional stability	+/- 0,60 %
Water permeability	50 litres / minute / m2
Installation	Floating without silica sand infill ( optional )

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

