

Art and knowledge

Urbino, the birthplace of Rafael and his sixteenth-century university, inspires us to create an artificial grass that corresponds to the beauty of the Italian artist's work and the technical and cultural development of his university

Of the models with a height of 50mm that you can currently find on the market, it's heavy weight of 2.633 gr/m2 makes it one of the models with the most quantity of fiber per m2. This provides the artificial grass a degree of comfort and extraordinary softness

The configuration of the grass is not incompatible with the resistance and resilience offered by the filaments that make it up, since its manufacture we have resorted to the use of the "Concave U-micro monofilament" thread, made with high-caliber fibers, to provide the fiber with more body and firmness

The sum of all these details together with the height of the fibers and the hue used, offers a tremendously natural look to the product, an image that will be reinforced by its gradual use when the filaments "dishevel" and have a "multidirectional" feel

With the URBINO artificial grass we have created a product that covers the widest spectrum in its technical and physical qualities ( natural appearance and texture, comfortable and soft, high resilience and soft )

High quality with maximum performance

DENSITY
28350 stitches / m2



APPEARANCE

PILE WEIGHT
2296 grammes / m2



SHAPE OF YARN

PILE HEIGHT
45 mm



A CLOSER LOOK

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

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

ICONS

LEVEL OF USE
High, it will be stepped on frequently

TYPICAL USES
<ul style="list-style-type: none"> <li>private gardens</li> <li>swimming pools</li> <li>any other frequently walked-on area, etc...</li> </ul>

ICONS

LEVEL OF USE
Medium, you will step on it just occasionally

TYPICAL USES
<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>

ICONS

LEVEL OF USE
Low, merely decorative

TYPICAL USES
<ul style="list-style-type: none"> <li>decorative gardens</li> <li>roundabouts / separators</li> <li>shop windows</li> <li>fairs / events, etc...</li> </ul>

ICONS

DEGREE COMFORT	intense	
----------------	---------	--

DEGREE COMFORT	intense
----------------	---------

DEGREE RESILIENCE	high	
-------------------	------	--

DEGREE RESILIENCE	high
-------------------	------

DEGREE REAL-LIFE APPEARANCE	intense	
-----------------------------	---------	--

DEGREE REAL-LIFE APPEARANCE	intense
-----------------------------	---------

DEGREE SOFTNESS	high	
-----------------	------	--

DEGREE SOFTNESS	high
-----------------	------

TECHNICAL CHARACTERISTICS OF THE YARN

DTEX	8100
Filament configuration	8 straight + 8 curly
<b>Straight yarn</b>	
Structure	Monofilament
Shape	Concave in U
Thickness	130 - 150 µm
Width	0,76 - 0,82 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	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	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	28350 (+/- 10%)
Stitches rate per 10cm	27 (+/- 1)
Pile height	45 mm (+/- 5%)
Total height	47 mm (+/- 5%)
Pile weight	2296 gr / m2 (+/- 10%)
Total weight	3346 gr / m2 (+/- 10%)
Dimensional stability	+/- 0,60 %
Water permeability	40 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
---	---

