

You say you want a “revolution”

The REVOLUTION artificial grass is a creation oriented to satisfy the needs of even the most demanding client

This new turf is a revolution in the market

With the use of high caliber “micro monofilament in a C shape” with a density of 24,150 stitches/m<sup>2</sup>, a 335mm fiber height, and a weight of almost 1700 gr/m<sup>2</sup> we obtain a product of very high resistance, which is suitable for very intense traffic

However, the use of a yarn as efficient as that used in REVOLUTION artificial grass allows its production cost to be very low and we can offer the artificial grass with the best quality / market price ratio

The raw material used in its production and its lawn design make it an optimal model for installation in communal public use areas ( communities of owners, public pools, hotels, etc.... ) with an extraordinarily competitive price

Artificial grass with fire rating “Efl” according to EN 13501-1

Beneath the paving stones, the beach

**DENSITY**  
24150 stitches / m<sup>2</sup>



APPEARANCE

**PILE WEIGHT**  
1639 grammes / m<sup>2</sup>



SHAPE OF YARN

**PILE HEIGHT**  
35 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**

high



**DEGREE OF RESILIENCE**

intense



**DEGREE OF REAL-LIFE APPEARANCE**

high



**DEGREE OF SOFTNESS**

high



TECHNICAL CHARACTERISTICS OF THE YARN

DTEX	8800
Filament configuration	8 straight + 8 curly
<b>Straight yarn</b>	
Structure	Micromonofilament ( MMF )
Shape	Concave in 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 / m <sup>2</sup>
Support coating	Latex
Support coating weight	950 grammes / m <sup>2</sup>

GENERAL TECHNICAL CHARACTERISTICS

Type of manufacturing system	Tufted cut pile + curly yarn
Gauge	3/8"
Stitches per m <sup>2</sup>	24150 ( +/- 10% )
Stitches rate per 10cm	23 ( +/- 1 )
Pile height	35 mm ( +/- 5% )
Total height	37 mm ( +/- 5% )
Pile weight	1639 gr / m <sup>2</sup> ( +/- 10% )
Total weight	2644 gr / m <sup>2</sup> ( +/- 10% )
Dimensional stability	+/- 0,60 %
Water permeability	50 litres /minute / m <sup>2</sup>
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

