

20 years is not nothing

The best gardening and high decoration grass made in history, little more can be said about such a statement

Based on one of the fundamental pillars in the work philosophy of SUMIGRAN, guided by the unique search for EXCELENCIA, and motivated by the celebration of the company's twentieth anniversary, we have created an absolutely unique product

The new EXCELENCIA grass is the technical and quality zenith that an artificial grass can bring together

It is the most realistic lawn ever created to date. For this reason, it has been manufactured in 4 different thread heights, obtaining not only an absolutely natural look but a natural feel as well

It consists of 4 filaments of the highest evolution and quality in the market:

First, we use a double section MATTEX thread: one in a lobed shape in a triple "C" and a second wavy in "waves." This guarantees the maximum tread recovery of those filaments

Second, we used a TENCATE thread in SEMI-TEXTURIZED micro-strips. This unique innovation makes these filaments curved and multidirectional, maximizing the realistic appearance of their fibers

In third and fourth place, we use two curled TENCATE fibers of different retraction indexes, which makes curly yarns higher and others more compressed at their bases, therefore increasing the fluffy, comfortable and natural feeling of the grass when we step or lay on it

The combination of the technical development and the use of the most notable and advanced raw material mean that EXCELENCIA is the most exclusive artificial grass ever made

It is a product only attainable by SUMIGRAN and suitable to celebrate the 20th anniversary of the company. It also comes with 20 years of dedication of offering the best of us to each client and their needs



20 years looking for EXCELENCIA

DENSITY 8750 stitches / m2	PILE WEIGHT 2750 grammes / m2	PILE HEIGHT 65 mm
		
APPEARANCE	SHAPE OF YARN	A CLOSER LOOK
LEVEL OF USE	TYPICAL USES	ICONS
Intense, it is going to be stepped on continuously	<ul style="list-style-type: none"> gardens of apartment block communities community pools, etc... 	
High, it will be stepped on frequently	<ul style="list-style-type: none"> private gardens swimming pools any other frequently walked-on area, etc... 	
Medium, you will step on it just occasionally	<ul style="list-style-type: none"> private gardens terraces / penthouse apartments swimming pools other less frequented areas, etc... 	
Low, merely decorative	<ul style="list-style-type: none"> decorative gardens roundabouts / separators shop windows fairs / events, etc... 	
DEGREE OF COMFORT	intense	
DEGREE OF RESILIENCE	intense	
DEGREE OF REAL-LIFE APPEARANCE	intense	
DEGREE OF SOFTNESS	intense	

TECHNICAL CHARACTERISTICS OF THE YARN	
DTEX	20800
Filament configuration	8 straight (yarn 1) + 6 straight (yarn 2) 8 curly (yarn 3) + 8 curly (yarn 4)
Straight yarn	
Structure	Monofilament (first yarn) micromonofilament (second yarn)
Yarn 1 shape	Lobed triple "C" + wavy in "waves"
Yarn 2 shape	Semi-texturized micro-strips
Composition	Polyethylene (both yarns)
Yarn 1 colour shade	Two-tone green (two colours)
Yarn 2 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
Yarn 3 colour shade	Beige and green
Yarn 4 colour shade	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	800 grammes / m2

GENERAL TECHNICAL CHARACTERISTICS	
Type of manufacturing system	Tufted cut pile + curly yarn
Gauge	5/8"
Stitches per m2	8750 (+/- 10%)
Stitches rate per 10cm	14 (+/- 1)
Pile height	65 mm (+/- 5%)
Total height	67 mm (+/- 5%)
Pile weight	2750 gr / m2 (+/- 10%)
Total weight	3705 gr / m2 (+/- 10%)
Dimensional stability	+/- 0,60 %
Water permeability	60 litres /minute / m2
Installation	Floating without silica sand infill (optional)

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

