



FOOTBALL

NEW! INTRODUCING THE IMPROVED EVOLUTION YARN FOR ULTIMATE PLAYABILITY

GREENFIELDS EVOLUTION®



Key benefits:

- ✔ High resilience proven by excellent test results
- ✔ Natural appearance due to the patented rhomboid shape
- ✔ Robust evolution yarn ideal for high utilisation pitches
- ✔ Strong durability and outstanding split resistance

GreenFields Evolution fields combine the benefits of incredible wear resistance with a natural looking appearance, so it plays well and looks great for years to come. Our new updated product offers the best in class performance with outstanding playability and extreme resilience for high utilisation pitches.

The improved fibres based on a patented rhomboid shape remain upright giving consistent playing performance. When compressed the fibres twist rather than bending, meaning they continue to bounce back upright, even after extended Lisport testing.

GreenFields Evolution is available in two options, Pro and Elite; the Elite option offering a higher fibre thickness for extra strength and coverage. GreenFields Evolution is perfect for amateur to professional clubs looking for the best performance from a tufted sports product with the reassurance of FIFA certifications.

“
GreenFields
were focused
on quality and
high attention
to detail
throughout the
installation.

”

JAN PEACE

Manager
UCLan Sports Arena

 **GreenFields**

**THE CHOICE OF
CHAMPIONS.**



FOOTBALL



**HIGH
RESILIENCE**



NATURAL LOOK



**ULTIMATE
PLAYING
EXPERIENCE**



**ULTRA
DURABLE**

YOUR PERFORMANCE

GreenFields is proud to play a role in improving the football experience for people around the world. Our innovative systems have been tested extensively to meet all necessary regulations and have been proven to maximise playing characteristics.



WHY GREENFIELDS?



With over 400 FIFA certified fields worldwide, GreenFields offers a range of high quality football turf systems to meet each customer's unique demands and provide optimum playing conditions.

- Turnkey solution: design, installation and maintenance
- Installation of artificial turf and hybrid systems
- Innovative sports turf designed to maximise performance
- Dedicated to environmentally friendly systems
- Committed to research and development



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GreenFields Evolution Pro

50 135 12.0

TECHNICAL DATA

T100247 - RE1T1750631355003GP

Type	5/8" tufted sand/rubber filled synthetic grass carpet, straight stitch pattern	
Pile content	100% polyethylene monofilament, Rhomboid, U.V.-resistant, 12.000/6 dTex, 335 microns.	
Primary backing	Double 100% PP Thiobac, black, U.V.- stabilized, weight ca. 252 gr/m ²	
Secondary backing	Latex compound with a base of styrene-butadiene (SBR), with drainage holes	
Pile height	50 mm	+/- 5%
Total thickness	52 mm	+/- 5%
Stitch rate per 10 cm (width)	6,3	
Stitch rate per 10 cm (length)	13,5	+/- 0.5
Number of tufts/m ²	8.505	+/- 10%
Face weight	1.192 gr/m ²	+/- 10%
Weight primary backing	252 gr/m ²	
Weight secondary backing	1.000 gr/m ²	
Total weight	2.444 gr/m ²	+/- 10%
Roll width	according to seaming plan	+/- 2cm
Roll length	according to seaming plan	
Tuft bind	≥ 30 Newton	
Water permeability	≥ 500mm/h	
Color Fastness	Xenon test : blue-scale>7, grey-scale>4	

Version 1.1, 30-01-2019

COLOUR

Duo tone (Field green/Lime green), White and yellow for line marking.

Clarification numeric title code:

60 135 15.6 (example)

- first 2 digits : - second 3 digits*:
- pile height (mm) - stitches per meter
- third 3 digits*:
- (x 1000) dTex



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GreenFields Evolution Pro

50 135 12.0

AVAILABLE SYSTEMS

System name	Performance Infill	Stabilizing Infill	Pad / E-layer / Geo	Tested
GreenFields Evolution Pro 50 135 12.0 sbr	SBR 32mm 17,6kg/m ²		--	A B
GreenFields Evolution Pro 50 135 12.0 s epdm-st PE08.7	EPDM 17mm 10,6kg/m ²	Sand 15mm 22,5kg/m ²	HP XC 070 008	A B
GreenFields Evolution pro 50 135 12.0 s sbr	SBR 25mm 13,8kg/m ²	Sand 10mm 14kg/m ²	--	

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INSTALLATION INSTRUCTION:

Please take notice of our installation manual, ask our sales representatives for the latest version.

SYMBOLS EXPLAINED

- A** FIFA Quality Programme for Football Turf, Handbook of Requirements October 2015 Edition (Quality)
- B** FIFA Quality Programme for Football Turf, Handbook of Requirements October 2015 Edition (Quality Pro)
- C** The International Rugby Board : Regulation 22, standard relating to the use of artificial playing surfaces.
- D** The GAA's "Performance and construction requirements for synthetic turf pitches (2009 edition)"
- E** The International Hockey Federation (FIH) "Handbook of performance requirements for synthetic turf hockey pitches"

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