



## Evolution® 40

Version 1.1, 23-05-2011

### TECHNICAL DATA

RE1T0910631504003GP

Type	5/8" tufted sand/rubber filled synthetic grass carpet, straight stitch pattern	
Pile content	100% PE monofilament Evolution®, U.V.-resistant, 11.000/3/3 dTex, 240 microns	
Primary backing	Double 100% PP Thiobac, black, U.V.- stabilized, weight ca. 265 gr/m <sup>2</sup>	
Secondary backing	Latex compound with a base of styrene-butadiene (SBR), with drainage holes	
Pile height	± 40 mm	+/- 10%
Total thickness	± 42 mm	+/- 10%
Stitch rate per 10 cm (width)	± 6,3	
Stitch rate per 10 cm (length)	± 15	+/- 1
Number of tufts/m <sup>2</sup>	± 9.450	+/- 5%
Face weight	± 915 gr/m <sup>2</sup>	+/- 10%
Weight primary backing	± 265 gr/m <sup>2</sup>	+/- 10%
Weight secondary backing	± 1.000 gr/m <sup>2</sup>	+/- 10%
Total weight	± 2.180 gr/m <sup>2</sup>	+/- 10%
Roll width	410 cm	+/- 2 cm
Roll length	as required	
Tuft bind	≥ 30 Newton	
Water permeability	± 60 ltr/m <sup>2</sup> /min (unfilled)	
Colour fastness	Xenon test : blue-scale>7, grey-scale>4	

### COLOUR

Field green and olive green. White and yellow for line marking.

### INSTALLATION METHOD

Loose laid on bound or unbound sub base, with or without a shock pad, glued seams.

### INFILL (RECOMMENDED)

1st layer	: 10 mm sand (80% round), size of granules 0.4-1.0 mm, app. 14 kg/m <sup>2</sup>
2nd layer	: 13 mm of rubber 0.7-2.0 mm, app. 7 kg/m <sup>2</sup>

### PRODUCT APPLICATION

Football, Multifunctional



#### FIFA Preferred Producer

As a FIFA Preferred Producer for Football turf GreenFields supports the FIFA Quality Concept to achieve playing quality for all.

#### Fiber shape



GreenFields has the right to alter each product specification in order to improve the system according to the latest standards. GreenFields is not legally liable in case of non-compliance with the above mentioned specifications.

