

## **TECHNICAL SPECIFICATIONS RGP512 NEW**

Type	Tufted non filled synthetic grass carpet	
Yarn Material	PE monofilament C-shape & PP monofilament curled	
Yarn Dtex	7.200/8 dTex + 4.800/8 dTex	
Yarn Quality	environmental friendly, free of lead & cadmium	
Primary Backing	100% PP black with fleece, UV stabilized	
	Weight: approx. 135 g/m2	+/- 10%
Secondary Backing	Black Latex compound SBR with drainage holes	
	Weight: approx. 836 g/m2	+/- 10%
Tuft gauge	3/8'	
Pile Height	approx. 25 mm	+/- 10%
Total Height	approx. 27 mm	+/- 10%
Pile gross weight	approx. 1.188 g/m2	+/- 10%
Total weight	approx. 2.159 g/m2	+/- 10%
# stitches/10 cml	± 14	
# Knots per m2	approx. 14.700	+/- 10%
Lightfastness	Bluescale 1-8 > 7 (according DIN 54004)	
Colourfastness	Greyscale 1-5 > 4 (according DIN standard)	
UV Stability	8 years in moderate sunny regions (DIN 53387) 6 years in sunny regions	
Roll width	4 meters	+/- 1%
Roll length	Target length approx. 20-25m	
Water permeability	> 60 l / min / m2	
Infill recommendation	In case of intensive use: Silica sand, gradation 0,5 – 0,10 mm / Min. 80% round-shaped Approx. 6-8 kg per m <sup>2</sup> for stabilisation	
Shrinkage	Shrinkage can appear due to high temperatures. Make sure the carpet can relax before cutting	
Application	Events, Lawns, playgrounds, public places, parks, ...	

