

## **TECHNICAL SPECIFICATIONS RGP512**

Type	Tufted non filled synthetic grass carpet	
Yarn Material	PE monofilament C-shape straight & PP monofilament curled	
Yarn Dtex	8000	
Yarn Quality	environmental friendly, UV stabilized, UV stability meets DIN53387	
Primary Backing	Polypropylene black	
	Weight: approx. 135 g/m <sup>2</sup>	+/- 10%
Secondary Backing	Latex compound with a base of SBR	
	Weight: approx. 760 g/m <sup>2</sup>	+/- 10%
Tuft gauge	3/8'	
Pile Height	approx. 35 mm	+/- 10%
Total Height	approx. 37 mm	+/- 10%
Pile gross weight	approx. 1.054 g/m <sup>2</sup>	+/- 10%
Total weight	approx. 1.949 g/m <sup>2</sup>	+/- 10%
# Knots per m <sup>2</sup>	approx. 15.750	+/- 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 6 years in sunny regions	
Roll width	4 meters	+/- 1%
Roll length	Target length approx. 25,00	
Water permeability	> 60 l / min / m <sup>2</sup>	
Infill recommendation	In case of intensive use: Silica sand, gradation 0,5 – 0,10 mm / Min. 80% round-shaped Approx. 5 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, ...	

