

TECHNICAL SPECIFICATIONS RGP541

Type	Tufted non filled synthetic grass carpet	
Yarn Material	PE monofilament micro nerve & PP monofilament curled	
Yarn Dtex		
Yarn Quality	environmental friendly, free of lead & cadmium	
Primary Backing	100% PP woven 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. 30 mm	+/- 10%
Total Height	approx. 32 mm	+/- 10%
Pile gross weight	approx. 1.185 g/m2	+/- 10%
Total weight	approx. 2.156 g/m2	+/- 10%
# stitches/10 cml	± 15	
# Knots per m2	approx. 15.570	+/- 10%
Lightfastness	Bluescale 1-8 > 7 (according DIN 54004)	
Colourfastness	Greyscale 1-5 > 4 (according DIN standard)	
UV Stability	6000 hours XENON (DIN 53387)	
Chlore resistance	4-5 (DIN 54019)	
Resistance to sea water	4-5 (DIN 54007)	
Roll width	4 meters	+/- 1%
Roll length	Target length approx. 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 m² 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, ...	