

TECHNICAL SPECIFICATIONS RGP523 NEW

Type	Tufted non filled synthetic grass carpet	
Yarn Material	PE monofilament mixed C-shape & rectangular straight & waffle shape, PP monofilament curled	
Yarn Dtex	13.100 Dtex/17 ply	
Yarn Quality	environmental friendly, UV stabilized	
Primary Backing	100% PP with fibre-lock fleece	
Secondary Backing	Weight: approx. 160 g/m2	+/- 10%
	black latex compound with a base of SBR, with drainage holes	
	Weight: approx. 760 g/m2	+/- 10%
Tuft gauge	5/8'	
Pile Height	approx. 52 mm	+/- 10%
Total Height	approx. 54 mm	+/- 10%
Pile gross weight	approx. 1.830 g/m2	+/- 10%
Total weight	approx. 2.750 g/m2	+/- 10%
# tufts/10 cml	± 18	
# Knots per m2	approx. 11.340	+/- 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 EN 14836	
	6 years in sunny regions	
Roll width	4 meters	+/- 1%
Roll length	Target length approx. 20 m	
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. 5 kg per m2 for stabilisation	
Shrinkage	Shrinkage can appear due to high temperatures. Make sure the carpet can relax before cutting	
Application	Lawns, playgrounds, public places, parks, ...	