

TECHNICAL SPECIFICATIONS RGP440 NEW

Type	Tufted non filled synthetic grass carpet	
Yarn Material	PE monofilament non directional, PE monofilament straight & PP monofilament curled	
Yarn dTex	18.000/20 dTex	
Fibre Shape	combination of rectangular shape non directional, arch chape straight and oval shape texturized	
Yarn Quality	environmental friendly, UV stabilized DIN 53387	
Primary Backing	100% PP Thobiac with fleece, black, UV stabilized	
Secondary Backing	Weight : approx.. 155 g/m ²	+/- 10%
	Black latex compound with a base of SBR, with drainage holes	
	Weight: approx. 850 g/m ²	+/- 10%
Tuft gauge	3/8'	
Pile Height	approx. 40 mm	+/- 10%
Total Height	approx. 42 mm	+/- 10%
Pile gross weight	approx. 1.800 g/m ²	+/- 10%
Total weight	approx. 1.805 g/m ²	+/- 10%
# Knots per m ²	approx. 10.500	+/- 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. 25,20 m	
Water permeability	> 60 l / min / m ²	
Fire retardant classification	Cfl-S1 (EN ISO 11925-2: sand filled ca. 5mm) Efl-S1 (EN ISO 11925-2: non filled)	
Infill recommendation	In case of intensive use: Silica sand, gradation 0,5 – 0,10 mm / Min. 80% round-shaped Approx. 5 kg per m ² for stabilisation	
Shrinkage	Shrinkage can appear due to high temperatures. Make sure the carpet can relax before cutting	
Application	Lawns, playgrounds, public places, parks, ...	