

Technical Data



PRODUCT SPECIFICATION			
Product name:	Stemgrass EX2 60	Application:	Sports
Model:	Stemgrass EX2-6002B175-BL	Roll width:	4.0m/2.0m/3.75m
Color:	Stemgrass: Emerald&Olive Bi-color Green E: Emerald&Olive Bi-color	Roll length:	On request
Accreditations and Testing:	FIFA Quality&Quality Pro&World Rugby		
YARN CHARACTERISTICS			
Yarn 1		Yarn 2	
Structure:	Monofilament	Structure:	Curly Monofilament
Composition:	PE	Composition:	PE
Dtex:	12000±10%	Dtex:	5500±10%
Tape thickness:	340µm	Tape thickness:	140µm
Tape width:	1.5mm	Tape width:	0.8mm
UV Effects			
Pile yarns color change:	4~5	Pile yarns color change:	4~5
Pile yarn change in tensile	Emerald-20%,Olive-34%	Pile yarn change in tensile	Emerald-17%,Olive-19%
CARPET CHARACTERISTICS			
TURF			
Pile height:	60mm ± 5%	Gauge:	3/4inch
Number of strands per tuft:	24 strands	Stitches per 10cm:	13±10%
Stitches per m²	6825±10%	Total yarn weight:	1560g/sqm ±10%
BACKING			
Primary backing:	PP + Polyester fiber short-staple + Mesh scrim inlay		
Weight:	250g/sqm		
Secondary backing:	Latex		
Weight:	1150g/sqm ±10%		
Total carpet weight:	2980g/sqm ±10%		
Carpet			
Carpet tuft withdrawal:	≥40N	Water permeability of carpet:	1234mm/h
INFILL REQUIREMENTS			
Silica Sand			
Particle size range	0.5 - 1.0 mm	Particle shape:	Round
Bulk density	1.460 g/cm ³	Application rate:	35 kg/m ²
SBR			
Particle size range	0.63 - 2.5 mm	Particle shape:	Irregular
Bulk density	0.40g/cm ³	Application rate:	9kg/m ²
Shockpad			
Proplay SP20D			
Type	Pre-fabricated	Thickness:	20 mm
Bulk density	0.16g/cm ³	Mass per unit area	3.2 kg/m ²

We reserve the right to modify these specifications. Version 1 –1907

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