

Technical Data Sheet

Product name **LigaTurf Legend Pro 240 18/4**

Application **Performance**

Description **Football turf infill; Polytan Monofilament with Entanglement technology; 100% Dynamic PE formulation; straight filament, single extrusion uncut, without fibrillation; 100% Polytan PolyCoat PU backing with TuftGuard function; BiColour scheme**

Yarn data	SI unit	Norm
Materials	100 % Dynamic PE	
Filament/film	Monofilament	
Number of filaments	6	
Thickness app.	365 µm	
Filament width ca.	1.2 mm	
Yarn fineness app.	12.125 dtex	

Construction data		
Pile height app.	40 mm	
Machine gauge	3/4 "	
Stitch density app.	180 /m	
Number of tufts app.	9600 /m ²	
Number of filaments app.	115200 /m ²	
Fibre weight app.	1000 g/m ²	

Backing construction		
Primary backing 1	100 % PP woven fabric, UV stabilised	
Primary backing 2	100 % PP support layer	
Coating	PolyCoat 100% PU coating, waterproof and antifungal	
Coating weight app.	650 g/m ²	
Perforation, hole spacing app.	140 mm	
Perforation, hole diameter min.	3 mm	

Product data		
Production technology	Tufting velours	
Maximum width	4 m	
Maximum length	depending on installation width	
Total height app.	42 mm	
Total weight app.	1845 g/m ²	

General data		
Turf colour	Lime/Fieldgreen	
Line colour	white or yellow, other colours on request	
Elastic layer		

Maintenance **Details for maintenance see Polytan maintenance brochure**

In order to maintain our surfaces to the highest and most up to date technical standards, we reserve the right to modify the product data. We advise that the technical values regarding yarn- and construction data as well as weight indications are approximate values and could vary due to technical reasons by +/- 10 %. (December 2019 / Calculated)

Technical Data Sheet

Additional information

Product name	LigaTurf Legend Pro 240 18/4
--------------	-------------------------------------

Application	Performance
-------------	-------------

Quality data	SI unit	Norm
Water permeability	500 mm/h	
Tuft pull out force app.	50 N	
Tensile strength MD app.	15 N/mm	
Tensile strength CD app.	15 N/mm	
Colour fastness	3 Grey scale	

System design			
Elastic layer			
	Polytan EL min. -	mm	in-situ, on engineered base
	Polytan ET min. -	mm	in-situ, on dynamic base
Turf infill-base	Sand	hydro classified, clean dried silica sand	
Turf infill-upper	Rubber granules	SBR, Cork	

Installation data	
Carpet installation	floating glued with Polytan wet-adhesive or two component-adhesive
Seals	

Certificates	-
--------------	---

In order to maintain our surfaces to the highest and most up to date technical standards, we reserve the right to modify the product data. We advise that the technical values regarding yarn- and construction data as well as weight indications are approximate values and could vary due to technical reasons by +/- 10 %. (December 2019 / Calculated)