

PORPLASTIC *M+F evolution*

Bicoloured artificial turf, combines high resilience, excellent playability with a very natural appearance

SYSTEM DATA

properties	40 M+F evolution	50 M+F evolution	60 M+F evolution
fibre structure	monofilament and fibrillated smooth		
fibre dimension	thickness 130 -330-130 µm / width 1.4 mm thickness 110 µm / width 5 mm		
pile height	40 mm	50 mm	60 mm
number of stitches per metre per m ²	130 8.190	130 8.190	130 8.190
pile weight [g/m ²]	1390	1670	1980
backing	polypropylene- /fleece fabric with latex		
total weight	2750 g/m ²	3030 g/m ²	3340g/m ²
filling [kg/m ²] sand rubber granules	ca. 15-22 ca. 4-10	ca. 15-25 ca. 6-13	ca. 18-24 ca. 10-17
sub-base	PORPLASTIC ^{EL} elastic layer recommended		without elastic layer



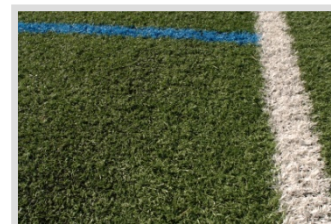
SYSTEM DESCRIPTION

- tested according to DIN 18035-7:2014-10, type B/G
- tested according to EN 153230-1:2013-12
- all seasons artificial turf
- water permeable
- hard-wearing
- long lifetime
- excellent sliding behaviour and force reduction
- sliding without risk of burns
- natural ball behaviour (rolling and reflexion)
- excellent alternative to natural grass
- optimal combination of resilience (monofilament fibres) and natural appearance (fibrillated fibres)

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TECNICAL DATA

properties	test method	40 M+F evo on EL	requirement
Shock absorption dry / wet after use	DIN EN 15330-1: 2013-12 EN 14808	66% / 67% 69%	55 – 70 %
Vertical deformation dry / wet after use	DIN EN 15330-1: 2013-12 EN 14809	7,7 / 7,9 mm 7,6 mm	4 – 10 mm
Water permeability	DIN EN 15330-1: 2013-12 EN 12616	>2800 mm/h	>500 mm/h
Environmental test	DIN 18035-7: 2014-10	fulfilled	DOC, EOX, heavy metals
Rotational resistance cleats dry / wet multinocks dry / wet after use	DIN EN 15330-1: 2013-12	39/40 Nm 31/31 Nm 40Nm	25-50 Nm
Ball roll dry / wet	DIN EN 15330-1: 2013-12 EN 12234	7,6 m / 7,7 m	4-10 m
Ball rebound dry / wet after use	DIN EN 15330-1: 2013-12 EN 12235	66 % / 66 % 70%	45-75%



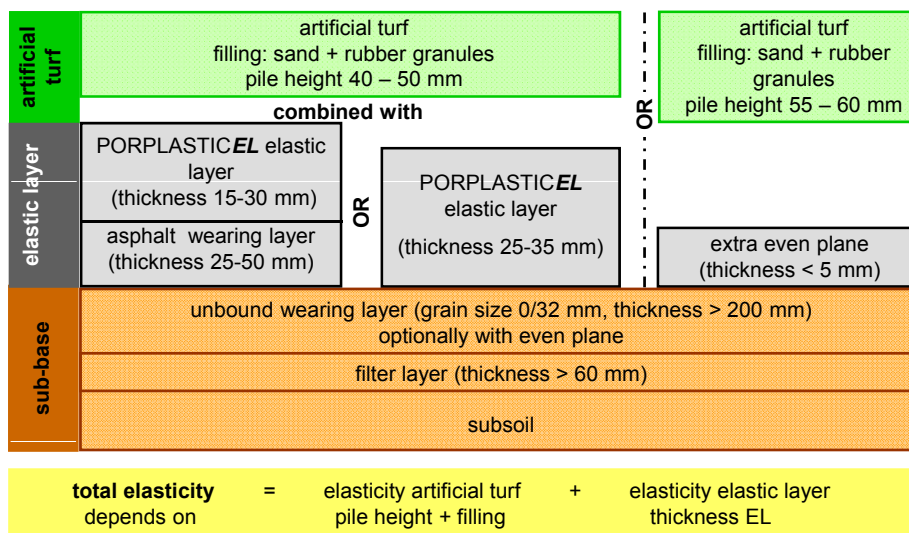
FIELDS OF APPLICATION

A new generation of artificial turf for

- Soccer
- American football
- Rugby



MODULAR SYSTEM AND ELASTICITY



Remark: for further information please refer to the product data sheets or contact our technical service. All data are approximate values. Therefore no liability claims can be derived from the system data sheet. As all PORPLASTIC data sheets are updated on a regular basis it is the users responsibility to obtain the most recent issue (see www.porplastic.com or contact us directly). Date of issue: Feb. 2016– all technical information is subject to change without prior notice.