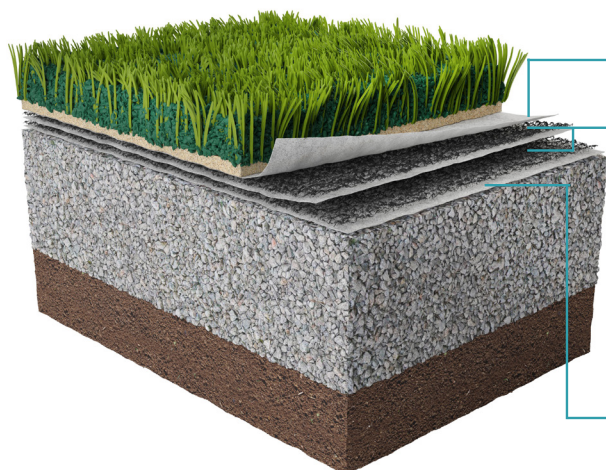


DRAINING SHOCKPAD FOR FOOTBALL PITCHES

**Nonwoven geotextile**

Structure: Needle punched
Raw material: UV stabilized Polypropilene
Colour: White/Grey

Double core of M-shaped Geomat

Structure: Three dimensional geomats made by extruded monofilaments set in biconical cuspated shape
Raw material: Polypropylene UV stabilized by carbon black
Colour: Black

Nonwoven geotextile

MacSport geocomposite (GCO)	Reference Standard	Unit of measure	Value	Tolerance
Thickness at 2 kPa	EN 9863-1	mm	16.0	± 10 %
Mass per unit area	EN ISO 9864	g/m ²	1350	± 10 %
Tensile strength MD	EN ISO 10319	kN/m	30.0	± 10 %
Tensile strength CMD	EN ISO 10319	kN/m	24.5	± 10 %
Underlay permeability	UNI EN 12616:2013	mm/h	36,000	-
Horizontal hydraulic gradient	MI-LND 021	l/(m*s)	0.39	-
Shock Absorption	Fifa Quality PRO ⁽¹⁾ with 40 mm grass	-	62% after 3,005 cycles dry with Lisport XL	

Durability	Type			Environmental Impact (ISO 14025, EN 15804)		
	Type II	Type I				
Durable in natural soil with 4<ph<9 and soil temperature <25 °C with the following service life:	25 yy	50 yy	100 yy	Content of SVHC ⁽²⁾	%	≤ 0,1
				Global Warming Potential (GWP _{100yrs}) ⁽²⁾	kg CO ₂ -Eq.	≤ 2,30E+00
				Eutrophication Potential (EP) ⁽²⁾	kg Phosph- Eq.	≤ 5,15E -04
				Acidification Potential (AP) ⁽²⁾	kg SO ₂ -Eq.	≤ 4,67E -03

Standard roll dimensions	Unit of measure	Value	Tolerance
Width	cm	200/385/405	± 2%
Length	m	as requested	-0 m / +1m



1) For additional details about the technical properties of the system, please contact the nearest Maccaferri office.

2) Values reported in the EPD certificate S-P-01471 issued in accordance with EN15804+A1 and ISO14125 to Maccaferri with reference to the MacDrain product family with validity till December 2023.

For the optimisation and improvement process of the technical characteristics of the products, the producer has the faculty to modify the standards and characteristics of the product without any pre-advise. All the information are given in base to our experience. In any case, no responsibility for an incorrect use could be referred to the producer or one of his distributors

Officine Maccaferri S.p.A.
 Via J.F. Kennedy, 10
 40069 Zola Predosa (Bologna) - Italy
T: + (39) 051 643 6000
E: info@hq.maccaferri.com

maccaferri.com

 Gruppo Industriale Maccaferri