

APPLICATION AREAS

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SYSTEM DESCRIPTION

It is an innovative drainage system designed to improve traditional sports field drainage systems that use aggregates and drainage pipes.



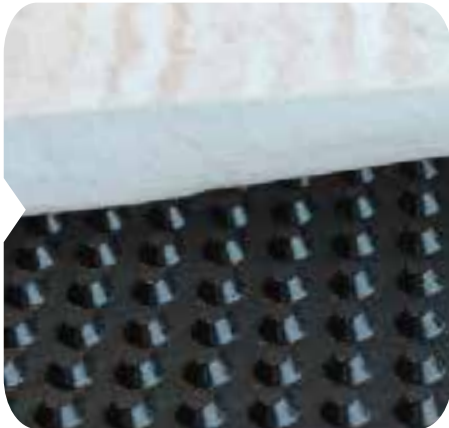
FEATURES

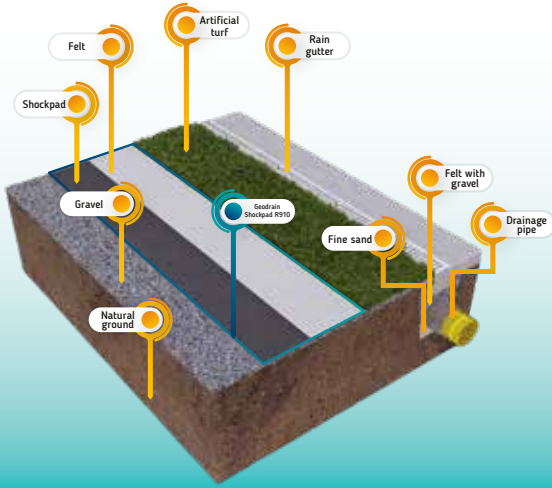
Geobera® Geodrain Shockpad R910 is a drainage system designed to provide superior performance and durability in sports fields. Made from high-quality materials, it offers a long-lasting solution.

GEOBERA® GEODRAIN SHOCKPAD R910

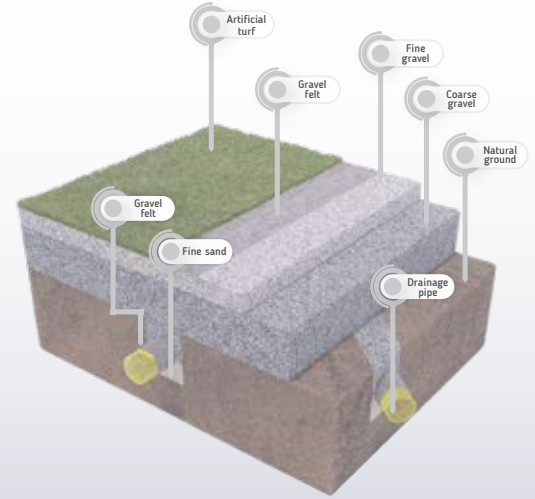
TECHNICAL INFORMATION

SYSTEM DESCRIPTION	It is an innovative drainage system designed to improve traditional sports field drainage systems that use aggregates and drainage pipes. Our drainage system on sports fields prevents water accumulation during rainfall, providing an excellent playing surface. It preserves the health of the grass, reduces the risk of postponing sports activities, and establishes a long-lasting infrastructure. It's an ideal solution for high performance and usability.
FEATURES	Geobera® Geodrain Shockpad R910 is a drainage system designed to provide superior performance and durability in sports fields. Made from high-quality materials, it offers a long-lasting solution. Especially effective in drainage, this system preserves the substructure of the field with its geotextile layer while preventing water accumulation. Its rapid drying feature enhances the usability of the field even during rainfall. With Geobera® Geodrain Shockpad R910, our aim is to elevate your sports fields to the highest level.
APPLICATION AREAS	It is suitable for use in football fields and landscaping areas.
MATERIAL	Special, high-density polyethylene and Geo fabric-made nailed membrane.
PIT DEPTH	9 mm (Approximately)
PRESSURE RESISTANCE	400 kN/m ²
TEMPERATURE RESISTANCE	8 l/m ² (Approximately)
TENSILE STRENGTH	-30°C / +80°C range
DYNAMIC PUNCTURE RESISTANCE	MD 14,2 bzw. CMD 14,3 kN/m (EN ISO 10319)
CHARACTERISTIC OPENING SIZE	40 mm (EN 918)
WATER PERMEABILITY	150 µm (EN ISO 12956)
WATER PERMEABILITY	5 X 15 ^Λ -2 m/s (EN Iso 11058)
DRAINAGE CAPACITY	3, 1 · 10 ^Λ -3 m ² /s (EN ISO 12958) bei 20 kN/m ²
ROLL SIZE	2 m X 20 m















Geodrain Shockpad R910 Model



Traditional Drainage Modeling

TRADITIONAL DRAINAGE & GEODRAIN SHOCKPAD R910 COMPARISON TABLE

	 GEOBERA® GEODRAIN SHOCKPAD R910	TRADITIONAL DRAINAGE SYSTEM 
EFFECT ON THE FLOOR	Geodrain Shockpad R910 preserves the natural characteristics of the soil. During the installation of these systems, there is no adverse effect on the soil structure.	Traditional drainage systems generally disrupt the natural characteristics of the soil. The application of these systems can cause damage to soil structures.
MAINTENANCE AND CLEANING	Geodrain Shockpad R910 generally reduces the need for regular maintenance and cleaning. Due to lower risks of clogging or damage, the effectiveness of the systems remains more stable over an extended period.	Traditional drainage systems can become clogged or damaged over time. These situations require regular maintenance and cleaning. Otherwise, the effectiveness of the system may decrease.
COST	Even when used on large areas, the installation and maintenance costs of Geodrain Shockpad R910 are more economical compared to traditional systems. This results in long-term cost savings.	When traditional drainage systems are used on large areas, installation and maintenance costs can significantly increase.
REQUIRED TRANSPORTATION VEHICLES		
TIME REQUIRED TO INSTALL THE DRAINAGE SYSTEM		
LONG-TERM DRAINAGE CAPACITY		
GENERAL PROJECT COSTS		

GEOBERA® GEODRAIN SHOCKPAD R910

EXAMPLE APPLICATIONS



geobera®
Geosynthetic - Geotextile