

SmartGrass® SHOCKPAD

SmartGrass® Shockpad provides a safe foundation for sport and play.

Available in a variety of weights for different applications it is the ideal substructure for SmartGrass® Synthetic Grass.

SmartGrass® Shockpad is an ideal subsurface layer for children's play areas. Its open flake structure gives the product unique drainage properties.

This is one of the key advantages, especially in outdoor situations, which makes SmartGrass® Shockpad the ideal impact mat for children's play areas.

Fall protection in line with Australian Standards directives require the ground under play equipment to conform to a so-called 'fall criterion'.

The standard states that the higher the play equipment is off the ground, the greater the impact-absorbing effect of the subsurface layer must be.

The ground surface standards for play areas, together with the specification, requirements and testing methods are set out in Australian AS/NZ 4422:1996 and AS 4685. The effectiveness of the surface material is based on its HIC (Head Injury Criterion) value. Fall protection and drainage SmartGrass® Shockpad not only guarantees excellent impact protection, but also has all the advantages of high drainage capacity.

No water will remain on the playing surface, even after heavy rain.

System structure

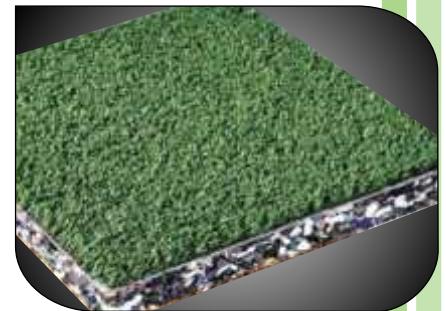
SmartGrass® Shockpad consists of one or two base layers of shock absorbing, thermally bonded PEX foam flakes covered with a geotextile that acts as a filter fabric. These high quality protective mats from Schmitz Foam Products B.V. have been specially developed for their damage prevention characteristics, and their thickness, density and composition have been accurately calculated to perform this function. Mostly SmartGrass® is used as a surface layer. The standard basic colour of the grass is green, but other colours can be supplied on request.

SmartGrass® Shockpad trouble-free installation

SmartGrass® Shockpad is easy to install. The pads are manufactured with interconnecting dovetail joints, enabling them to be 'clicked' together. All you need to install SmartGrass® Shockpad is a sharp knife.

100% environmentally sound system

- critical fall height up to 3 meters;
- excellent drainage, quick drying;
- tested according to AS/NZ 4422:1996;
- odour free;
- easy to install;
- long life expectancy.



SmartGrass® SHOCKPAD

Schmitz Foam Products has been producing closed celled, crossed linked polyethylene drainage and protection matting for over 15 years.

Due to the positive characteristics of their raw material, Schmitz Foam Products developed a specific sports shock pad for use beneath synthetic sports surfaces. SmartGrass® SHOCKPAD is manufactured under factory controlled conditions according to ISO9001-2000 standards and provides many advantages in terms of playing characteristics, safety, quality, environmental soundness and cost.

"Innovative new products with so many improvements are often regarded as more expensive than the more conventional. SmartGrass® SHOCKPAD PROPLAY is appreciated by our global customers because of its unique and proven performance at top sporting venues across the world with similar costs or in some cases less than the more conventional products."

SmartGrass® SHOCKPAD PROPLAY has been designed for use as a shock absorption and drainage layer under artificial sports grass areas. The product has been successfully used all over the world and has proved to be one of the best developments in the world of synthetic surfaces for a number of years. Players, Stadium owners and Stadium builders are using SmartGrass SHOCKPAD because of its playing characteristics, the quality, durability and ease of installation. Because of the special structure of SmartGrass® SHOCKPAD, it has excellent properties for both vertical and horizontal drainage without absorbing any water.

Constant Playing Characteristics

Using SmartGrass® SHOCKPAD PROPLAY within a synthetic grass system means the rubber infill can be reduced to a minimum, giving a consistent playing performance across the surface. The constantly balanced elasticity of the product means that - even when the infill is compacted due to time or poor maintenance - the playing characteristics will remain the same over long periods.

Quality

SmartGrass® SHOCKPAD PROPLAY is manufactured under strict production conditions and as a result conforms to ISO9001-2000 standards. Once on-site, the installation is very quick and easy and can be installed under most weather conditions.

Environmental

In the world of Synthetic Sports Grass, environmental issues are becoming a very hot issue and as a result SmartGrass® SHOCKPAD PROPLAY has been manufactured using high quality closed cell, cross linked PE called PEX. PEX is a very robust, inert, environmentally sound plastic and as a result can be used in the most environmentally strict areas such as drinking water collection areas.



SmartGrass® SHOCKPAD

Used For Different Sports & Standards

SmartGrass® SHOCKPAD PROPLAY has already been used for over ten years for many different applications such as football, rugby and American football synthetic surfaces.

SmartGrass® SHOCKPAD PROPLAY can be used with different kinds of artificial grass and infill materials.

All over the world, sportsmen and - women, club officials and groundsman are using SmartGrass® SHOCKPAD PROPLAY.

Most recognise SmartGrass® SHOCKPAD PROPLAY as the 'Next Generation' shock pad.

Special Projects

Because of its long-life, high strength and ease of installation, the shock pad has been used in many special projects such as a mobile shock pad for indoor football areas, as a protection layer in horse races in the Salzburg Red Bull Stadium and as a shock- and drainage pad for Beach Volleyball.

Conclusion

- Excellent playing characteristics.
- Playing characteristics will remain the same over long periods.
- Long life expectancy.
- 15 year guarantee.
- Tested according to FIFA, UEFA, FA, DIN and many more standards.
- Environmentally sound.
- Easy to install.

All of which make SmartGrass® SHOCKPAD PROPLAY the 'Next Generation' shock pad.

A New Standard for Sportsfield Shockpads

