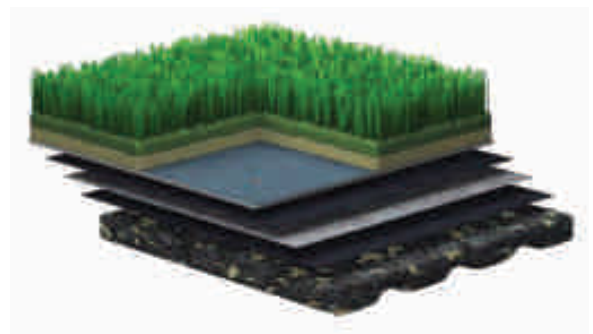




3RFOAM

Synthetic Aggregate for Drainage, Energy Absorption and Green Roofs





Palziv - Cross-Linked Foamed Solutions

3RFOAM – Synthetic Aggregate and Drainage Products

An environmentally friendly, cost effective lightweight substitute for gravel made from 100% recycled post-industrial cross-linked polyethylene foam waste.

The foam used in 3RFOAM products allow drainage and energy absorption and can provide a safe playing surface for playgrounds and sports fields or a base infrastructure for roof gardens. An optional laminated spun-bonded polyester geo-textile top cover is designed to work as a filter and stops fine earth particles from clogging the blocks. The addition of longitudinal grooves can increase permeability and/or transmissivity of water in the system.

Children's Playgrounds

A proper playing surface is the best way to prevent or reduce child injury in playgrounds. 3RFOAM synthetic blocks or rolls can be used in conjunction with recycled particle rubber or synthetic grass as a protective layer. HIC guidelines to absorb impact from falls can be met for virtually all equipment heights and with excellent environmental resistance and durability. The product has a maintenance-free long service life.

Sports fields

Suitable for indoor or outdoor applications, 3RFOAM pads or rolls can be combined with Synthetic grass to provide a FIFA standard playing surface. The drainage and shock attenuation properties provide a surface that will outperform natural grass and surfaces in all climates.

Roof Gardens

Roof gardens help recover green space in the urban environment by creating a healthier living space. Plants on rooftops have both ecological and economic benefits, including management of storm water, and conservation of energy.

Green roof systems last longer than regular roofs because they are protected from UV radiation and temperature fluctuations that cause roofs to deteriorate. Another major benefit of roof gardens is their ability to absorb storm water and release it slowly over a period of several hours. Green roof systems consist of a lightweight soil layer laid over a drainage layer. A well functioning drainage mat is a vital component for a healthy and thriving roof garden. Excessive accumulation of water poses greater danger than lack of moisture for a successful roof garden operation.

3RFOAM blocks or rolls have the unique properties of draining excessive water, yet retaining sufficient moisture to support healthy growth.



Headquarters: Ein-Hanatziv 10805 Israel
Tel. +972 46 06 29 99, Fax. +972 46 06 26 77
email: contact@palziv.com



www.palziv.com