

ShieldMAT G20 Drainage Layer

The ShieldDRAIN G-20 is a nodular layer, made up of high density polyethylene (HDPE) in black. Nodules height 20mm.

Advantages

- Ease of installation.
- High-tensile and compressive strength.
- Impervious to chemical contaminants in soil (sulphates, chlorides etc) rot.
- Installation does not require equipment.
- In the case of open tunnels, service tunnels, diaphragm walls, exterior surface treatment for the exterior wall etc, it facilitates drainage of water from the ground to replace the traditional gravel layer, resulting in adequate drainage flow.

Benefits

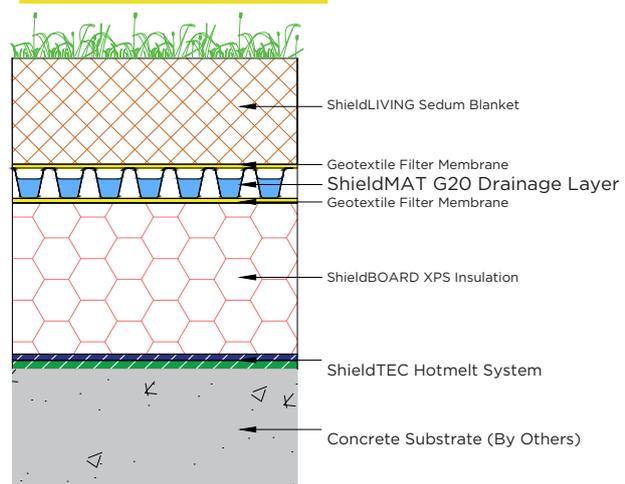
- Alternative to traditional layer of coarse gravel.
- The high rigidity of the sheet protects waterproofing layer against possible puncture, caused by soil/gravel in fill.
- Highly durable product that retains its initial properties over time, reducing maintenance costs.
- Quick Install times
- Allows drainage of accumulated water, limiting the hydrostatic pressure and avoiding direct contact with wall moisture.

PRODUCT INFORMATION

PRESENTATION	VALUE	UNIT
Length	20	m
Width	2	m
Sheet Thickness	0,87 + 0,05	mm
Nodule height	20	mm
Roll surface	38	m ²
Roll weight	34.20	kg
Rolls per pallete	5	rolls
Product code	314041	

Technical Data	VALUE	UNIT	UNIT
N. of nodules	400	Nodules/m ²	-
Compressive resistance	> 180	kN/m ²	UNE-EN-ISO 604
Drainage capacity, approx.	12.0	L/s m	-
Temperature range	-30 a 80	C°	-

Typical Detail



Disclaimer

The evolution of new product design is continuous and information is subject to change without notice. Customers should check with the supplier to ensure that they have the latest details. Shield Membranes reserve the right to amend the technical information as deemed necessary and in accordance with the relevant national and international standards without notice.

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