

## PROTECDRAIN FILTRE

### Description

**PROTECDRAIN FILTRE** is the combination of a dimple sheet made from high-density polyethylene (HDPE) and a filter layer of polypropylene.

**PROTECDRAIN FILTRE** is mainly used as a protection and drainage layer for underground structures and foundations which improves drainage of water.

Can be applied to a maximum depth of 7 m.

### Packing & storage

Dimensions l x w (m)	m <sup>2</sup> /pallet	Rolls/pallet	m <sup>2</sup> /roll
20 x 2,00	240	6	40
20 x 2,40	288	6	48

Store the rolls upright on a flat surface, keep dry and protected from sunlight.  
Stack no more than 2 pallets on top of each other.

### Characteristics

Total thickness (mm)	7,5 ± 2
Mass (g/m <sup>2</sup> ) (EN ISO 9864)	600 ± 10 %
Number of dimples/m <sup>2</sup>	±1600
Tensile force L (kN/m) (EN ISO 10319)	12 -2
Tensile force T (kN/m) (EN ISO 10319)	10 -2
Elongation at break L (%) (EN ISO 10319)	50 ±10
Elongation at break T (%) (EN ISO 10319)	60 ±10
Compressive strength (kN/m <sup>2</sup> ) (EN 826)	200 ±30
Drain capacity (20kPa, i=1, soft/rigid) (l/(m.s)) (EN ISO 12985)	1,9 ±20 %
Contact area (cm <sup>2</sup> /m <sup>2</sup> )	±10
Air flow volume (l/m <sup>2</sup> )	±5,8

**PROTECDRAIN** is resistant to chemicals and rot.

### Application

**PROTECDRAIN FILTRE** is with the filter layer side placed to the ground. The overlaps must be at least 10 cm. Fasten **PROTECDRAIN FILTRE** mechanically to the wall using the **PROTECDRAIN FASTENERS**, 10 cm above the waterproofing (height 0-3 m: every 25 cm; 3-5 m: every 20 cm; 5-7 m: every 15 cm).

Finish the top with the **PROTECDRAIN FINISHING PROFILE**.

Contact **SOPREMA** for more information.

### Special indications

#### Hygiene, Health and Environment

The product does not contain any substance which is likely to be detrimental to your health or to the environment and complies with generally admitted Health and Safety Requirements.

#### Quality-, Environment- and Safety Management

**SOPREMA** always recognises as a high level of importance the quality of the products, the environment and safety.

For this reason, we operate independently monitored Quality and Environment Assurance Systems in line with

**EN ISO 9001** and **EN ISO 14001**.