

PROTECDRAIN

PROTECDRAIN is a high density polyethylene layer to be used as protection and drainage for underground walls and foundations.

User application

PROTECDRAIN must be used as protective layer for underground walls and foundations. It also improves drainage and allows air circulation between waterproofing membranes and the ground.

Maximum depth for use: 7 m

Composition

	PROTECDRAIN
Foil Thickness	0,55 mm ($\pm 0,1$)
Total thickness (with dimple height)	7,5 mm (± 1)
Number of studs	1600 / m ²
Weight NF ISO 9864	500 g/m ² ($\pm 5\%$)
Résistance to compression at service	200 kN / m ² (± 15)
Chemical resistance	Solvents, acids, bacteria, oils and hydrocarbons
Tensile strength NF ISO 10319 LxT (N/5cm)	> 250 x 250
Elongation at break NF ISO 10319 LxT (%)	> 20 x 25
Temperature stability	-30°C to +80°C
Water absorption	$\leq 0,05$ %
Colours	Black side turned to the wall Brown side turned to the ground

Packaging

	PROTECDRAIN	
Dimensions and rolls / pallet	20 m x 4,00 m (80 m ²)	16
	20 m x 3,00 m (60 m ²)	16
	20 m x 2,50 m (50 m ²)	16
	20 m x 2,00 m (40 m ²)	12
	20 m x 1,50 m (30 m ²)	12
	20 m x 1,00 m (20 m ²)	24
Rolls must be stored upright on flat ground. Pallets may be stacked to a maximum height of two pallets with separating layer. During storage, protect the rolls against moisture. Do not exposed PROTECDRAIN more than 6 months to direct sunlight. In cold weather, we recommend that the rolls be kept at a minimum temperature of + 2°C (+ 36 °F) for at least 5 hours before installation.		

Installation

Unroll, place and adjust **PROTECDRAIN**, black side turned to the wall and brown side turned to the ground.

Make sure that **PROTECDRAIN** reach above the upper edge of the waterproofing and/or perimeter insulation.

Attach **PROTECDRAIN** on the top with screws or nails:

25 cm space for 3 meters high

20 cm space for 5 meters high

15 cm space for 7 meters high

Longitudinal and transversal overlaps are made by attaching the next sheet so that it overlaps first sheet installed previously by about 10 cm.

Use **PROFIL PROTECDRAIN** (PVC profile) to cover the top of **PROTECDRAIN** and improve waterproofing with an aesthetic protection.

Earthworks must be done carefully.

For more details, refer to specific technical information.

Special indications

Hygiene, health and environment:

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

For further information, please refer to relevant Safety Data Sheet.

Quality control:

SOPREMA has always attached the highest importance to the quality of its products, to the respect of environment and men.

For this reason, we apply an integrated management of the Quality and Environment certified **ISO 9001** and **ISO 14001**.