



SOPRADRAIN

SOPRADRAIN is a moulded expanded polystyrene panel which provides efficient drainage for **SOPRANATURE** or **GREEN** roofs.



User application

- Lightweight for the structure: 0,7 kg/m² instead of 145 kg/m² (10 cm of gravel),
- **SOPRADRAIN** panels are only 3,6 cm against 10 cm height for the gravel drain,
- Fast installation: up to 2000 m² per day for 4 workers,
- Drainage surface: about 800 cm²/m²,

SOPRADRAIN is used as efficient drainage for **SOPRANATURE** or **GREEN** roofs.

All the applications are described in Technical Approvals or **SOPREMA**'s Technical Guidelines in force.

Characteristics

	SOPRADRAIN
Composition	White moulded expanded polystyrene panel
Topside	224 holes of 10 mm diameter + 196 holes of 20 mm diameter
Underside	225 pads with 16 mm height of 40 mm diameter
Bulk surface density	0.58 kg/m ²
Density of the expanded polystyrene	25 ± 2 kg/m ³
Dimensions	1 m x 1 m
Thickness	36 mm
Bearing surface	26 %
Maximal charge at service	2 tonnes per m ² (about 1,20 m of soil)

Packaging

	SOPRADRAIN
Packaging	Package of 20 panels
Storage	Upright on pallet with plastic wrapping



Installation

SOPRADRAIN panels are loose laid with pads directly on contact with the waterproofing system. To avoid movement of these panels, soil or sedum will be applied by moving forward.

Or before the installation of soil or sedum, **SOPRADRAIN** panels will be bonded using cold-applied adhesives pads with **SOPRACOLLE 300 N**, **COLTACK EVOLUTON** or **COLTACK**, with a diameter of 20 cm at the center of the panel.

Special indications

Hygiene, health and environment:

The product is not classified as dangerous according to the French and European regulation.

About product losses or batch remains: non-hazardous waste, not inert - reuse, incineration in Authorized Installation or stockpiled in an installation for Storage of Non-Hazardous Waste (ISDND: Dumps of class II).

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**.