

SOPRANATURE 4+1h

Description

SOPRANATURE 4+1h is a vapour-permeable dimpled drainage sheet made out of recycled high impact polystyrene (HIPS) combined on the back of the sheet with a filter layer made from a non woven geotextile and on the front with a protection and separation layer mad from a geotextile.

The geotextiles are glued to the dimpled sheet, preventing the geotextiles being pushed in between the dimples. The sheet has a high compressive strength and excellent creep resistance.

SOPRANATURE 4+1h prevents waterlogging in the substrate layer, the build-up of hydrostatic pressure on the waterproofing membrane and protects it against mechanical loads and ensures that water vapour is able to evaporate.

Composition

Material filter layer	polypropylene (PP)
Material separation layer	polypropylene (PP) and propyethylene (PE)
Material dimpled sheet	recycled, high impact polystyrene (HIPS)

Packing

Dimensions (l x w) (m)	30 x 1,25
Mass (kg/roll)	38
Surface area (m ² /roll)	37,5

Characteristics

Mass (g/m ²)	MDV	1,017
Water reservoir (l/m ²)	MDV	4,3
Total height at 2 kPa (mm)	MDV	17
Dimple height at 2 kPa (mm)	MDV	15,5
Compressive strength (kPa) (EN 25619-2)	MDV	450
Drainage capacity at i = 1 at 20 kPa. (l/(s.m)) (EN 12958)	MDV	7,86
Drainage capacity at fall ratio 2 % at 20 kPa (l/(s.m)) (EN 12958)	MDV	0,96

MDV = manufacturer declared value / MLV = manufacturer limiting value / NPD = no performance determined

Installation

SOPRANATURE 4+1h is applied as a filter, drainage and protection layer in the Extensive and Intensive Green Roof system.

Always consult the local regulations and contact the manufacturer for technical questions.

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**.