

SOPRANATURE DRAINAGE 4+1h

Description

SOPRANATURE DRAINAGE 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 made 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 DRAINAGE 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.

Characteristics

Composition	Standard	Unit	Value
Material filter layer			polypropylene (PP)
Material separation layer			polypropylene (PP) and polyethylene (PE)
Material dimpled sheet			recycled, high impact polystyrene (HIPS)
Properties			
Mass		kg/m ²	± 1,017
Water reservoir		l/m ²	± 4,3
Total height at 2 kPa		mm	± 17
Dimple height at 2 kPa		mm	± 15,5
Compressive strength	EN 25619-2	kPa	± 450
Drainage capacity at i = 1 at 20 kPa.	EN 12958	l/(s.m)	± 7,86
Drainage capacity at fall ratio 2 % at 20 kPa	EN 12958	l/(s.m)	± 0,96
Packing			
Dimensions (l x w)		m	± 30 x 1,25
Mass (roll)		kg	± 38
Surface area (roll)		m ²	± 37,5

Installation

SOPRANATURE DRAINAGE 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**.