

## ROOF 115

### Description

**ROOF 115** is a waterproof and vapour permeable water dispersion layer. It is used as a separating and protective layer on inverted roofs.

### Characteristics

Composition	Standard	Unit	Value
Composition			non woven polypropylene
Mass		g/m <sup>2</sup>	± 120
<b>Technical characteristics</b>			
Thickness membrane	EN 1849-2	mm	± 0,4
Tensile force L	EN 12311-1	N/50 mm	± 260
Tensile force T	EN 12311-1	N/50 mm	± 170
Elongation at rupture L	EN 12311-1	%	± 50
Elongation at rupture T	EN 12311-1	%	± 80
Tear strength L	EN 12310-1	N	± 120
Tear strength T	EN 12310-1	N	± 140
Water vapour diffusion-equivalent	EN 12572	m	± 0,02
Application temperature		°C	-40 / +80
<b>Packing</b>			
Dimensions of the roll	EN 1848-1	m	≥ 50 x 1,5
Mass/roll	EN 1941-1	kg	± 9
Storage	Store upright in a dry place, protected against moisture and sunlight.		

**ROOF 115** contributes to the thermal performance of the roof by retaining the water so it does not penetrate to the waterproofing layer.

This gives a lower correction factor  $\Delta U$  to compensate the heat loss due to the cooling effect of the water (factor  $f_x = 0,0025$  in accordance with ETAG 031).

As a result the thermal resistance  $R_{tot}$  of the roof is higher, which contributes positively to the required insulation thickness.

**ROOF 115** also has a high resistance to bacteria and is resistant to UV, rot and bitumen.

### Installation

**ROOF 115** is installed on top of the XPS insulation on inverted roofs, prior to installing the finishing layers (ballast, paving slabs, ...).

A minimum overlap of 150 mm must be provided in the direction of the water drainage.

Cover it completely after installation to prevent damage.

See installation instructions or 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**.