

**SOPREMA**

Bouwehen 5 - B-2280 Grobbendonk - België  
 Tel: +32 14 23 07 07 - Fax: + 32 14 23 07 77  
 info@soprema.be - www.soprema.be

**TECHNICAL DATA SHEET**

BETF-237/227-12-eng

**SOPLUTEC****Description**

SOPLUTEC is a rain screen made of two non-woven polypropylene films with protect, from both sides, a polypropylene breathable membrane.

**Application**

SOPLUTEC is a rain-barrier to be used as an underlay for walls, in compliance with standard NF P 21-204-1 (DTU 31.2 "Timber frame houses and buildings"), and with standard NF P 65-210-1 (DTU 41.2 "Cladding in wood").

**Composition**

Reinforcement	polypropylene breathable membrane
Weight (gr/m <sup>2</sup> )	120
Topside	non-woven polypropylene
Lowerside	non-woven polypropylene

**Characteristics**

Thickness (mm)		0,50
Tensile strength: L (N/5cm) (EN 12311-1)	MDV	290
Tensile strength: T (N/5cm) (EN 12311-1)	MDV	215
Elongation at break: L (%) (EN 12311-1)	MDV	82
Elongation at break: T (%) (EN 12311-1)	MDV	77
Dimensional stability (%) (EN 1107-1)	MDV	0,5
Nail tear resistance: L (N) (EN 12310-1)	MDV	155
Nail tear resistance: T (N) (EN 12310-1)	MDV	190
Cold flexibility (°C) (EN 1109)	MDV	-20
Watertightness (EN 1928)	MDV	W1
Water vapour transmission (m) (EN 1931)	MDV	0,045
Reaction to fire (EN 13501-1)		NPD

MDV = manufacturer declared value

MLV = manufacturer limited value

NPD = No performance determined



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## **Packing**

Roll dimensions (m)	50 x 2,8
Roll weight (kg)	17
Storage	20

SOPLUTEC must be stored upon flat support away from bad weather and temperature variations.

## **Installation**

SOPLUTEC is laid horizontally continuously on the outside of the wall, on the insulation or on the timber frame with at least 10 cm overlapping

## **Certifications**



Standard : EN 13859-2

## **Special indications**

### **Health and Environment :**

The membrane does not contain any substance which is likely to be detrimental to health or to environment and complies with generally admitted Health and Safety Requirements. For more detailed information, please refer to the relevant safety data sheet.

### **Quality control :**

**SOPREMA** has always attached the highest importance to Quality Control. For this reason, we operate an independently monitored Quality Assurance System in line with **EN ISO 9001:2008**.



ISO 9001