

# STRATEC II

TECHNICAL DATA SHEET APTDS-E-85-01



WATERPROOFING

APPLICATIONS

ROOFING

EXTERIOR WALL

## DESCRIPTION

**STRATEC II** is a versatile and resistant synthetic very highly breathable screen (vapour permeable) used as roof tile underlay in ventilated or non-ventilated slated pitched roof. It will also prevent the ingress of wind-blown rain, dust or snow.

**STRATEC II** is also used as rain barrier (underlay for walls).

## COMPOSITION

	STRATEC II
Reinforcement	Very highly breathable polypropylene foil
Weight (EN 1849-2)	145 g/m <sup>2</sup>
Thickness (EN 1849-2)	0,60 mm
Upperface	Non-woven polypropylene foil
Underface	Non-woven polypropylene foil

## CHARACTERISTICS

	STRATEC II MDV*
Tensile Strength (EN 12311-1) -longitudinal -transverse (After ageing test)	290 N/ 5 cm (250) 220 N/ 5 cm (200)
Elongation (EN 12311-1) -longitudinal -transverse (After ageing test)	77 % (47) 83 % (54)
Resistance to tearing (nail shank) (EN 12310-1) -longitudinal -transverse	175 N 230 N
Resistance to watertightness (EN 1928) Before and after ageing test	W1 Class
Water vapour transmission (EN 1931)	Sd = 0.045 m
Low temperature flexibility (EN 1109)	-20°C
Dimensional stability (EN 1107-2)	< ± 0.5%
EST Classification (French standard) for roof tile underlay	E1Sd1TR2
Air permeability (EN 12114)	0.026m3/(m <sup>2</sup> .h) at 50Pa
Reaction to fire (EN 13501-1)	E Class

(\*)MDV = Manufacturer's determined value : An arithmetic mean value of a minimum number of independent measurements.



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## PACKING

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Roll dimensions	50 m x 1,50 m (75 m <sup>2</sup> )
Roll weight	11.50 kg
Colour	Light grey anti slip upperface, white anti slip underface for an easier application
Storage	Upright on pallet with plastic wrapping, protected against moisture

## USER APPLICATION

This underlay will be installed and fixed according to Technical Guidelines:

On rafters with corrosion-resistant staples or galvanized clout nails as appropriate.

Either secured to the support with counter battens at least 12 mm thick to create a drainage and vapour dispersal space between the product and the tiles.

May be used over sarking boards of softwood and either with continuous insulation or insulation placed between the rafters.

**Maximum rafter spacing : 60 cm.**

**Minimum overlaps : 10 cm (20 cm for <20% slope).**

## INSTALLATION

**STRATEC II** installation can be carried out easily by slaters / tilers experienced with this type of product.

It may be used as temporary waterproofing during 8 days.

## SPECIAL INDICATION

### Hygiene, health and environment:

The product does not contain any substance likely to be detrimental to health or to environment and complies with generally admitted Health and Safety Requirements. For more information, please refer to 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 compliance with **BS EN ISO 9001:2000**, certified by **BSI Management System**.



## CE MARKING

**STRATEC II** complies with **EN 13859-1** and **EN 13859-2** with the **CE** marking.

