

SOPREFLEX XP

SOPREFLEX XP is a flexible roof underlay highly resistant to tearing, intended to prevent attics against the risk of penetration of dust, soot, or powdery snow.

SOPREFLEX XP can also be used as sheathing pre-covering (on continuous support).

User application

SOPREFLEX XP is laid as roof underlay:

- Stretched laying and ventilated on both sides, with a maximum center distance of 90 cm,
- Laying on continuous support with a ventilated underside (sheathing pre-covering).

Composition

	SOPREFLEX XP
Density	500 ± 25 g/m ²
Reinforcement	Polyester / Polypropylene
Binder	Modified bitumen
Topside	Talc
Underside	Non-woven polypropylene fleece

Packaging

	SOPREFLEX XP
Dimensions of the roll :	
- Length	≥ 45,45 m
- Width	1,10 ± 0,02 m
Weight of the roll	about 25 kg
Colour	Black topside Black underside
Marking	Each roll is labelled according to CE regulation
Packaging	30 rolls per pallet
Storage	On flat support, away from weather and important temperature variations

Characteristics – CE marking

SOPREFLEX XP is a roof underlay in compliance with standard EN 13859-1.

Essential characteristics	Performances	Harmonised Technical Specification
Reaction to fire	F	EN 13859-1:2010
Resistance to water penetration	W1	
Tensile properties : Tensile strength	≥ 300 N/50 mm ≥ 300 N/50 mm	
- Longitudinal - Transverse		
Elongation	≥ 45 % ≥ 55 %	
- Longitudinal - Transverse		
Resistance to nail tearing	≥ 225 N ≥ 225 N	
- Longitudinal - Transverse		
Flexibility at low temperature (pliability)	-20°C	
Artificial ageing behaviour : Resistance to water penetration	W1	
Tensile strength	≥ 200 N/50 mm ≥ 200 N/50 mm	
- Longitudinal - Transverse		
Elongation	≥ 35 % ≥ 35 %	
- Longitudinal - Transverse		

Additional characteristics	Performances	Test method
Properties of water vapour transmission (Sd)	50 m	EN 1931
Dimensional stability	± 0,5 %	EN 1107-2

Installation

SOPREFLEX XP is parallel laid to the gutter with a 10 cm overlap between sheets and a 10 cm extra width over the edge strip.

SOPREFLEX XP is stapled or nailed on rafters or on jointed sheathing. The battens or counter battens are fastened over it. It is necessary to provide a bottom air intake and a top air exhaust while letting 10 cm covered between the last sheet of **SOPREFLEX XP** and the ridge.

Laying with counter battens:

SOPREFLEX XP is stretched laid on rafters or on jointed sheathing. A counter batten (required on sheathing) raises the backing level of the battens and optimizes the ventilation of the roof. A double air space (2 cm minimum) must be provided beneath and over **SOPREFLEX XP**, when a thermal insulation is used.

Special indications

Hygiene, health and environment:

SOPREFLEX XP is not classified as dangerous according to French and European regulations. For further information, please refer to relevant Safety Data Sheet.

Quality control:

SOPREFLEX XP is manufactured and controlled under an integrated management system of the **Quality (ISO 9001)**