

SUP'AIR

APPLICATION

Sup'Air is a breathable underlay for discontinuous roofing.

Ways of installation :

- Tense over batens.
- Over ventilated continuous elements.
- Directly over insulation layer.

It can also be used as a rain barrier as specified in DTU 31.2.



PROPERTIES

Sup'Air is a three layers product.
 It is extremely permeable to water vapour and has good mechanical properties.
 Sup'Air is in accordance with standard EN 13859.

Product				
Composition	Stabilized non woven polypropylene			
Upper layer	Stabilized non woven polypropylene			
Buffer layer	Stabilized micro porous film			
Underlayer	Stabilized non woven polypropylene			
Colour	Grey			
Weight	140 g/m ² ± 5%			
Application	Underlay for discontinuous roofing			
Properties	Unit	Value	Tolerance	Norm
Length	m	50,00	+1% -0%	EN 1848-2
Width	m	1,50	± 0,5%	EN 1848-2
Tearing resistance	N/50 mm	245 (SL)	± 25	EN 12311-1
		260 (ST)	± 30	EN 12311-1
Elongation	%	100 (SL)	± 20	EN 12311-1
		120 (ST)	-	EN 12311-1
Nail tearing resistance	N	195 (SL)	± 20	EN 12310-1
		185 (ST)	± 20	EN 12310-1
Dimensional stability	%	< 2 (SL)	-	EN 1107-2
		< 2 (ST)	-	EN 1107-2
Cold bending	°C	- 40	-	EN 1109
Sd	m	0,02	± 0,01	EN 12572 method C
Wp	Kg/(m ² .s.Pa)	9,98.10 ⁻⁹	± 4,99.10 ⁻⁹	EN 12572 method C
	g/(m ² .h.mmHg)	4,79	± 2,395	EN 12572 method C
Watertightness	Class	W1	-	EN 1928 méthode A
Airtightness	M ³ /(h.m ²)	0,054	± 0,012	EN 13859-2 (à 50 Pa)
Fire resistance	Classe	F	-	EN 13501-1
Ageing after EN 1297 & EN 1296				
Tearing resistance	N/50 mm	225 (SL)	± 25	EN 12311-1
		240 (ST)	± 30	EN 12311-1
Elongation	%	70 (SL)	± 20	EN 12311-1
		70 (ST)	± 30	EN 12311-1
watertightness	Class	W1	-	EN 1928 méthode A
Underlay – EN 13859-1 Rain barrier – EN 13859-2				