



Technical Commercial Data Sheet

BITOVER SYNTOLIGHT

Waterproof and breathable undertile cloth.

It is made up of a breathable foil coated on both sides with polypropylene film.

Application and characteristics

SyntoLight is breathable to water vapour and at the same time waterproof.

Suitable for installation dry or by nailing.

Dimensions: 1.50 x 50 mt - 2250 m²/plt

Weight: 150 g/m²

- ✓ high tear strength
- ✓ good vapour permeability (Sd 0.02 | $\mu = 36$)
- ✓ good resistance to ultraviolet rays
- ✓ pleasant to the touch

TECHNICAL SPECIFICATIONS	REGULATION	UNIT OF MEASUREMENT	VALUE
Arheic mass	EN 13859-1 UNI 11470	g/m ²	150±5% Class B
Thickness	EN 1849-2	mm	0.7±15%
Tensile strength	EN 13859-1 UNI 11470	N/5cm	MD: 300±15% CD: 230±15% Class R2
Elongation	EN 13859-1	%	MD: 65-85% CD: 80-100%
Nail tear strength	EN 13859-1 UNI 11470	N	MD: 165±15% CD: 180±15% Class R1
Resistance to the passage of water	EN 13859-1		Class W1
Waterproof rating	EN 20811	m	4 (average value) Minimum value: 2
Artificial ageing Tensile strength after ageing	EN 13859-1	N/5cm	MD: 270±15% CD: 204±15% Class W1
Resistance to the passage of water after ageing			
UV resistance	Internal method, UVB		4 months
Vapour transmission properties	EN 13859-1	g/m ² x 24h m	WDD: 815±15% Sd=0.02 23°C 93/50% RH
		g/m ² x 24h	WDD: 2000±15% 38°C 93/50% RH
	UNI 11470	Highly breathable membrane	
Dimensional stability	EN 13859-1 (80°C)	%	MD: -3.4<ΔL<0 CD: -1<ΔL<0
Flexibility at low temperature	EN 13859-1	°C	-40
Reaction to fire	EN13859-1* *Product supported by planking		E
Air permeability	EN 13859-2	m ³ /h m ²	<0.3

Product subject to CE marking in accordance with EN13859-1/EN 13859-2 STANDARD

Product in compliance with the SVDH (Central Artisan Association of German Carpenters) guidelines Class UDB A

The rolls are wrapped in a plastic film. Abrupt temperature changes can cause condensation inside the packaging. The values indicated should be considered for the product applied in a temperate climate at 200 m asl. For better product performance, we recommend immediately covering under a roof. In the presence of contaminating agents, the characteristics of the product are not guaranteed. Any variation of the unwoven fabric and print colour shades fall within the production standards of the materials. UV resistance refers to the preservation of the product's water penetration resistance characteristics.

Saint-Gobain PPC Italia S.p.A.

Via E. Romagnoli, 6 • 20146 Milan • Italy • Tel. +39 02 61115.1
info.it.isover@saint-gobain.com | www.isover.it

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