

CODE: STCBE 019

REVISION: 01

DATE: JULY 2008

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# Technical Commercial Data Sheet

## SYNTO LIGHT



### Description

SYNTO LIGHT is a three-layer foil consisting in a respirant element surfaced with a polypropylenic tissue on both sides. SYNTO LIGHT is highly respirant to vapour and waterproof at the same time.

### Application

SYNTO LIGHT is meant to be applied by loose bonding or by riveting.

### Recommended Use

Under-tiles protective layer on ventilated and non-ventilated pitched roofs either in brick concrete or wood.

### Dimensional Characteristics

Length	50 m - 1% (UNI EN 1848-1)	Tol. ≥
Width	1,5 m - 1% (UNI EN 1848-1)	Tol. ≥
Weight per m <sup>2</sup>	0,150 kg (UNI EN 1849-1)	Tol. ± 10%

### Packaging

TYPE	REINOFCEMENT	WEIGHT/m <sup>2</sup>	m <sup>2</sup> PER PALLET
SYNTO LIGHT	Polyethylene	150 g	2250

Rolls fastened with three adhesive tapes and individually packaged in a plastic bag placed horizontally on wooden pallets of 30 rolls each.

### Storage

It is advisable to keep the rolls in warehouse, not exposed to the sun rays and at a temperature not below +5°C. Keep the rolls in the upright position. Avoid if possible to stack pallets. It is advisable to use the product within 2/3 months from delivery.



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Test	Standard Reference	SYNTO LIGHT	Tolerances
Straightness	UNI EN 1848-1	10 mm / 10 m	≤
Resistance to water penetration	EN 1928 (A method)	Class W1	-
Vapour transmission properties	EN 13859-1	WDD: 850 g/m <sup>2</sup> x 24h Sd=0,02 M 23° C 93/50% UR  WDD: 2080 g/m <sup>2</sup> x 24h Sd=0,02 M 38° C 93/50% UR	± 15%
Cold flexibility	UNI EN 1109	-40°C	≤
Fire reaction	UNI EN 13501-1	Class F	-
Tensile strength at breaking L/T	UNI EN 12311-1	300 N/5 cm 230 N/5 cm	- 20%
Tear resistance (B method) L/T	UNI EN 12310-1	160 N 180 N	- 30%
Elongation at breaking L/T	UNI EN 12311-1	60% 60%	- 15 a.v.
L dimensional stability	UNI EN 1107	-0,8%	≥
<ul style="list-style-type: none"> <li>Resistance to water penetration</li> <li>Tensile properties after artificial ageing</li> </ul>	App. C EN 13859-1	NPD NPD	-
Vapour permeability after <ul style="list-style-type: none"> <li>exposure to artificial agents</li> <li>exposure to chemical agents</li> </ul>	UNI EN 1931 UNI EN 1296/ UNI EN 1847	NPD	-
Resistance to air penetration	EN 12114	NPD	-
Use	EN 13859-1	Under tiles	-

**The Saint-Gobain Isover Italia S.p.A. quality system is certified according to EN ISO 9001: 2000**

*Our products foresee proper application and storage modalities.*

*The CE marking of this product is in accordance with the European directive 89/106/CE approved by DPR 246 dated 21/4/1993, and is in agreement to the reference technical standard EN 13859-1.*

*Saint Gobain Isover Italia has the right to change the technical data of this data sheet any time with no need of notice.*

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**Plant:**