

## PRODUCT TECHNICAL INFORMATION

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# TOISITE CUIVRE STANDARD

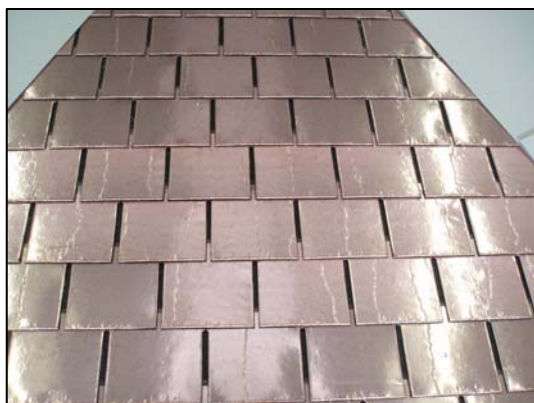
## PRESENTATION

TOISITE CUIVRE STANDARD is a range of bituminous shingle covered with a metallic foil of copper on the top.

It is composed of a modified bituminous blend, mineral stabilisers, a reinforcement based on 2 glass grids and a protection in copper.

TOISITE CUIVRE STANDARD is available in two different designs:

*“TOISITE CARRE CUIVRE STANDARD”*



*“TOISITE ECAILLE CUIVRE STANDARD”*



## SCOPE OF APPLICATION

The products are specifically used for architectural works with an important esthetical aspect or other applications who could need an esthetical and strong product.

TOISITE CUIVRE STANDARD can be nailed or torched to the bearing element, depending the kind of underface treatment.

## COMPOSITION

Surface	Metallic foil of copper. Thickness = 5/100mm
Top reinforcement	Glass grid of 50 g/m <sup>2</sup>
Bottom reinforcement	Glass grid 85 g/m <sup>2</sup>
Underface	Sand (torchable) or spangles of slate (nailable)

## DOCUMENT REFERENCE ISO 9001

Our company has been awarded the ISO 9001 certificate for all its establishments in France

. The Technical Product Information is the ISO 9001 reference document.



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### APPLICATION

- TOISITE CUIVRE STANDARD are applied on homogeneous and continuous bearing elements suitable for nailed applications like timber and wood derivative (CTB-X, CTB-H), batten,...(with specific treatment against the humidity for external uses).
- Minimum slope : **30 %**.
- Mechanical fixing density : 4 copper nail per shingle (slope < 200 %) and 3 additional nails for slope > 200%.
- Overlapping : **50mm** minimum.
- Consumption: **16 units /m<sup>2</sup>**.

### CHARACTERISTICS

Mechanical properties	Norms	Units	Nominal values
Tensile strength at max	EN 12311-1	N/50mm	700 x 700
Nail tearing resistance	EN 12310-1	N	100 x 100
Water absorption	EN 544	%	< 2%
Pur bitumen weigth	EN 544	g/m <sup>2</sup>	> 1300

### PACKAGING

Product	Dimension	thickness (mm)	Units/m <sup>2</sup>	weigth	weigth/m <sup>2</sup>	pack	pack/ palette	Palette	weigth /palette (approximative)
<b>TOISITE CARRE CUIVRE S (torchable)</b>	500 x 300	4	16	≈ 1 kg	16 kg	2 m <sup>2</sup>	36	72 m <sup>2</sup>	1092 kg
<b>TOISITE CARRE CUIVRE A (nailable)</b>	500 x 300	4	16	≈ 1 kg	≈ 16 kg	1,875 m <sup>2</sup>	36	67,5 m <sup>2</sup>	1075 kg
<b>TOISITE ECAILLE CUIVRE S (torchable)</b>	500 x 300	4	16	≈ 0.92kg	≈ 15 kg	2 m <sup>2</sup>	36	72 m <sup>2</sup>	1080 kg
<b>TOISITE ECAILLE CUIVRE A (nailable)</b>	500 x 300	4	16	≈ 0.935kg	≈ 15 kg	1,875 m <sup>2</sup>	36	67,5 m <sup>2</sup>	1012 kg

*Transport : It is not classified as dangerous according to the international regulation (ADR, RID, IATA, et RTMDR).*

Nota :

Our company reserves the right to modify its composition as a result of technologic and experiments improvements. This product data sheet supersedes the previous edition, to obtain the up-date technical data sheet, please contact our technical department.