

PRODUCT TECHNICAL INFORMATION

ITA / DEV / 032

Revision 2 - 17/02/10

Page 1 / 2

TOISITE ECAILLE CUIVRE

PRESENTATION

TOISITE CUIVRE is a 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.

SCOPE OF APPLICATION

This product is specifically used for architectural works with an important esthetic aspect or other applications who could need an esthetic and strong product. TOISITE CUIVRE is nailed to the bearing element.

COMPOSITION

Surface	metallic foil of copper. Thickness = 5/100mm
Top reinforcement	glass grid of 50 g/m ²
Bottom reinforcement	glass grid 85 g/m ²
Underface	granules of cork

APPLICATION

- TOISITE CUIVRE is 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 /m²** (weight ~ 20 kg/m²).

DOCUMENT REFERENCE ISO 9001

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

. The Avis Technique CSTB n° 5/02-1650 is the ISO 9001 reference document.



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Revision 2 - 17/02/10

Page 2 / 2

CHARACTERISTICS

TOISITE CUIVRE has the Avis Technique CSTB n° 5/02-1650.

Mechanical properties	Norms	Units	Nominal values	Critical Values
Tensile strength at max	EN 12311-1	N/50mm	1300 x 1000	1000 x 700
Nail tearing resistance	EN 12310-1	N	250 x 200	100 x 100
Water absorption	EN 544	%	< 2%	
Pur bitumen weigth	EN 544	g/m ²	> 1300	

PACKAGING

Dimension	thickness (mm)	Units/m ²	weigth	weigth/m ²	pack	pack/palette	Palette	weigth /palette (approximative)
500 x 300 x 6	6	16	≈ 1,2 kg	≈ 20 kg	1,25 m²	36	45 m²	900 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.

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