

# SOPRATUILE



## ROOFING SHINGLES

# SOPRATUILE : For appealing roofs.



Lichen grey SOPRATUILE

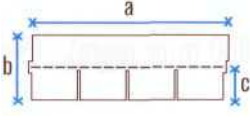
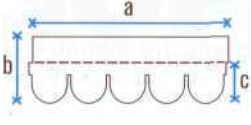
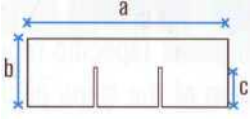
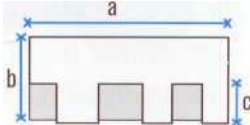


Walnut brown Master SOPRATUILE

**SOPRATUILE** is a bituminous shingle with a glass fibre mat reinforcement intended for covering roofs with a pitch of over 20%.

**SOPRATUILE** is fitted by nailing to a continuous deck in compliance with SOPREMA installation instructions.

# Properties

	SOPRATUILE	BEAVERTAIL SOPRATUILE	COPPER ELITE SOPRATUILE	MASTER SOPRATUILE
				
Dimensions	a = 1000 mm b = 340 mm c = 145 mm	a = 1000 mm b = 340 mm c = 145 mm	a = 1000 mm b = 340 mm c = 145 mm	a = 915 mm b = 422 mm c = 182 mm
Weight per sq. m	10,5 kg	11 kg	14 kg	15 kg
Thickness	3 mm	3,5 mm	5 mm	7 mm
Reinforcement (g/sq. m)	Glass fibre mat 125 g	Glass fibre mat 125 g	Glass fibre mat 2 x 125 g	Glass fibre mat 2 x 125 g
Bitumen	oxidised	oxidised	modified	modified
Fire class	T30/1	T30/1	T30/1	T30/1

# Packaging

	SOPRATUILE	BEAVERTAIL SOPRATUILE	COPPER ELITE SOPRATUILE	MASTER SOPRATUILE
Shingles per pack	21	21	14	12
Packs per pallet	46	46	48	50
Area covered per pack	3,05 sq. m	3,05 sq. m	2,03 sq. m	2,00 sq. m
Area covered per pallet	140,3 sq. m	140,3 sq. m	97,4 sq. m	100,0 sq. m
Weight per pack	32 kg	33 kg	28 kg	30 kg



SOPRATUILE Copper Elite



## Benefits

- **STRONG:**

Because of their design and conception, **SOPRATUILE** shingles are exceptionally resistant to physical stress due to wind, hail, snow and fire. The coloured granules make the roof look more aesthetic and provide protection from ultraviolet rays.

- **COST-EFFECTIVE:**

Thanks to their 10.5 kg per square metre weight \*, **SOPRATUILE** shingles offer the user obvious benefits by making the site work more manageable, reducing the dimensions of supporting structures in new buildings and renovation overloads in older constructions and allowing for considerable savings in rafter costs.

\* Master version: 15 kg.

- **DESIGNED FOR CREATIVE ARCHITECTURAL SOLUTIONS:**

**SOPRATUILE** offers the architect a number of creative options: it can be used successfully in original structures such as curved roofs, gradual or steep pitches, vertical walls, turrets etc.

- **A WIDE RANGE OF MODELS AND COLOURS:**

3 shapes, 8 colours and the **COPPER** version for designing a roof which co-ordinates with any architectural style.

The extra thickness of **SOPRATUILE Master** shingles gives your roof an original appearance with a unique extra dimension.

**SOPRATUILE** shingles ensure that the roof tones in with the surroundings, in compliance with local traditions.

- **QUICK ASSEMBLY:**

Because the material is lightweight, flexible and easy to cut, it can be installed in a very short time. On average, two fitters can cover a 150 sq. m. roof in a day without any extra aid. That leads to significant reduction in the final cost of the roof.

- **CONSISTENT QUALITY:**

The automated manufacturing system ensures consistent product quality.

**SOPRATUILE** shingles are manufactured to standard AFNOR 39 302.



SOPRATUILE Beavertail Red

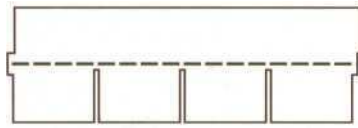


SOPRATUILE Master

# A range off shapes and colours

## SOPRATUILE

8 colours



Shaded brown



Shaded red



Shaded green



Red



Black



Slate grey



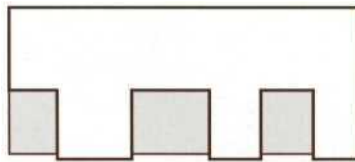
Lichen green



Terracotta

## SOPRATUILE "MASTER"

4 colours



Stone grey



Walnut brown



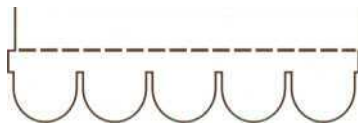
Slate grey



Cork brown

## SOPRATUILE BEAVERTAIL

4 colours



Slate grey



Red



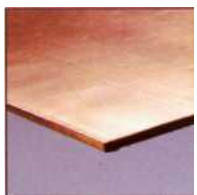
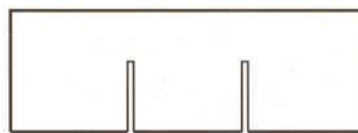
Terracotta



Copper

## SOPRATUILE COPPER ELITE

3 panels



Copper: 70 microns, edges included

Accessories available: ridge shingles, valley shingles, sections, copper nails.

# Installation

**SOPRATUILE** is installed on roofs with pitches of 20% or more.

The gauge is determined on the basis of:

- the climatic region in plains (specific regulations for altitudes of 900 m or more).
- the horizontal projection of the slope pitch.
- the pitch.

- **VENTILATION:**

Ventilation is **mandatory** and must be provided via openings at the high and low points of the roof.

The sections of the air inlets and outlets must be at least 1/500th of the area of the roof, divided in half.

If insulating material is placed underneath the descent, the air circulation between the insulation and the underside of the substrate must be increased from 4 cm to at least 6 cm for slopes greater than 12 m.

- **FASTENING:**

The shingles **must** be nailed to a continuous wooden deck board type or chipboard type.

The wooden deck should be made up of wood panels or chipboard which are certified for outdoor use.

Use slotted nails with large heads (diameter 1 cm) and a minimum length of 21 mm.

Use nails with a minimum length of 30 mm with the **Master** version.

Use copper nails with the **Copper** version.

- **BONDING THE PANELS:**

In the regular parts and with pitches of less than 200%, spot heat bonding is sufficient to join the panels to the lower shingle. Heat them with a torch in cold weather or if the pitch is greater than 200%.

If the overlaps are greater than 80 mm, the shingles must be bonded at the fastening nails.

The quantity of glue per nail is about 2 g, i.e. a 1 mm thick area with a 30 mm diameter after pressing down.

**Do not exceed the recommended quantity.**

**SOPRATUILE** glue is available in 5 and 25 kg pots and 310 ml cartridges.



**Important:** these selected installation recommendations do not replace **SOPREMA** installation instructions.



SOPREMA reserve the right to modify the composition, conditions of use and therefore the prices of products without notice, depending upon the development of technology and techniques. As a result, orders shall be accepted on the basis of the terms and specifications applicable when they are received.

STRASBOURG COMPANY REGISTER 558 500 187 00098.

Studio Mark C. Ashcroft



B.P. 121 - 67025 STRASBOURG CEDEX - FRANCE

TELEPHONE: 03 88 79 84 84 - TELEFAX: 03 88 79 84 85

Internet: <http://www.soprema.com>

e.mail: [export@soprema.com](mailto:export@soprema.com)