

# SOPRADALLE CERAM

**SOPRADALLE CERAM** is a monolithic stoneware slab.

**SOPRADALLE CERAM** is a perfectly squared straightened, with felled edges and non-slip surface for exterior uses.

## User application

**SOPRADALLE CERAM** is used as additional protection on waterproofing system. Slabs are laid on support pads. To be used outside only

All the applications are described in **SOPREMA's** Technical Guidelines in force.

## Composition

	<b>SOPRADALLE CERAM</b>
Component	Monolithic stoneware slab

## Packaging

	<b>SOPRADALLE CERAM</b>
Dimensions (width x length)	600 (± 2) mm x 600 (± 2) mm
Thickness	20 (± 0,5) mm
Weight	47 kg/m <sup>2</sup> (17 kg/slab)
Colours	Dark grey, Beige, Grey

## Characteristics (outside CE marking)

	<b>SOPRADALLE CERAM</b>
Breaking load (NF EN 1339)	Class 110 – Marking 11
Flexural strength (NF EN 1339)	Class 3 (≥ 5 Mpa)
Mechanical tensile strength (according to french DTU 43.1)	T11

## Installation

---

**SOPRADALLE CERAM** is installed on support pads in **SOPREMA**'s Technical Guidelines in force. Slab lay-out consists of 2 steps :

- installation of paving support pads (or separation layer in the case of a direct installation).
- installation of the slabs.

A cleaning (as for example with high pressure water) is required after the installation.

**SOPRADALLE CERAM**, with its compliance with European standard EN 14411, showing a maximum deviation from the flatness of  $\pm 2$  mm, forms a flat surface when installed on pads. Therefore, on some slabs, it can be observed some temporary stagnation of water after rain. This possible stagnation of water can vary from one slab to another, but does not change the characteristics of the slabs (frost resistance, mechanical strength, scratch resistance ...).

Furthermore, **SOPRADALLE CERAM** has a surface structure that allows it to obtain very good results to various slipperiness tests. **SOPRADALLE CERAM** has an R11 classification (according to standard DIN 5130) and meets the requirements of the standard used for swimming pool (DIN 51097) A+B+C. The residual water present on some slabs after rain does not deprive it of its anti-slip character.

## Indications particulières

---

### Hygiene, health and environment:

The product does not contain any substance likely to be detrimental to health or to environment and complies with generally admitted Health and Safety Requirements. For further information, please refer to relevant Safety Data Sheet.

### Traceability:

Product traceability is ensured through a manufacturing code present on the packaging.

### Quality control:

**SOPREMA** has always attached the highest importance to the quality of its products, to the respect of environment and men.

For this reason, we apply an integrated management of the Quality and Environment certified **ISO 9001** and **ISO 14001**.

## CE marking


<p><b>SOPRADALLE CERAM</b></p> <p><b>SOPREMA</b> 14 rue de Saint-Nazaire – CS 60121 67025 STRASBOURG cedex</p> <p><b>11</b> Declaration of Performance : DoP n° MISFR005</p>
<p><b>EN 14411:2012 / Annex G</b></p>
Ceramic tiles for outdoor floorings

Essential characteristics	Performances	Harmonised Technical Specification
Reaction to fire	<b>A1<sub>FL</sub></b>	<b>EN 14411:2012 (Annex G)</b>
Release of dangerous substances	<b>NPD</b>	
Breaking strength	<b>≥ 1300 N</b>	
Slipperiness (according to DIN 51130)	<b>R11</b>	
Durability for external uses Freeze-thaw cycles resistance	<b>Conform</b>	
Tactility	<b>NPD</b>	

Additional characteristics	SOPRADALLE CERAM
Impact resistance (NF EN ISO 10545-5)	0,88
Abrasion resistance (NF EN ISO 10545-6)	139 mm <sup>3</sup>
Coefficient of thermal expansion (NF EN ISO 10545-8)	6,3.10 <sup>-6</sup> °C <sup>-1</sup>
Water absorption (NF EN ISO 10545-3)	0,05%
Thermal shock resistance (NF EN ISO 10545-9)	No damage
Resistance to frost (NF EN ISO 10545-12)	No damage
Resistance to chemical attack (NF EN ISO 10545-13)	UA ULA UHA
Resistance to staining (NF EN ISO 10545-14)	5