

## Samoa™ E Ceiling tiles

### Product description and application

Samoa E is a stone wool ceiling tile with a white matt decorative finish. The ceiling tiles are reinforced with a natural glass tissue.

Samoa E is suitable for use in offices, shops, hotels, restaurants, general-purpose rooms and school buildings.

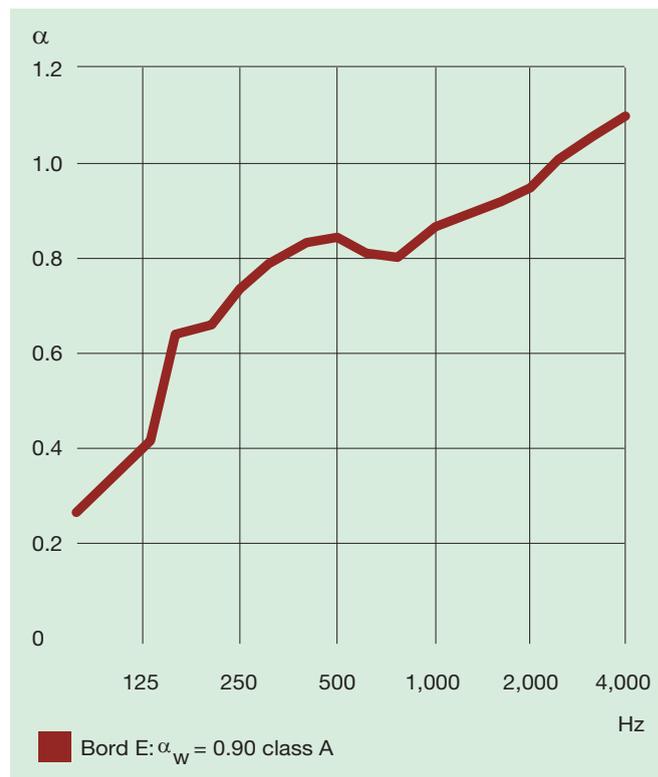
### Physical properties

Length (mm)	Width (mm)	Thickness (mm)	Acoustic Performance	Material R-value (m <sup>2</sup> K/W)	Pieces per pack
600	600	20	$\alpha_W = 0.90$	R 0.51	20
1200	600	20	$\alpha_W = 0.90$	R 0.51	10

### Light reflection

Due to its high light reflection coefficient (> 85 %), Samoa E, when installed, reduces the use of powered lighting.

### Acoustic absorption



eurocoustic

Fletcher™  
Insulation

We safely deliver extraordinary  
value to our customers

## Fire testing

Group 1 classification according to AS/NZS 3837:1998, 'Method of test for heat and smoke release rates for materials and products using an oxygen consumption calorimeter'.

## Available colours

White Matt.

## Humidity

Stone wool, produced by Eurocoustic, is non hydrophilic.

Eurocoustic ceiling tiles are resistant to humidity and suitable for use in the most severe atmospheres without risk of sagging.

## Health and environment

Eurocoustic stone wool is manufactured from natural and widespread raw materials including recycled products. In addition, the fitting and cut waste is also recycled in the production process.

The stone wool ceiling tiles are made with fibres that do not contain any materials classified as harmful to humans.

Eurocoustic ceiling tiles contribute to the safety and comfort of the building occupants. It also reduces the sound levels, energy consumptions and emissions of greenhouse gases.

The energy saved with the use of Eurocoustic ceiling tiles exceeds the energy required in manufacturing. As a consequence there is a significant reduction of CO2 emission; which are responsible for 82% of the total emission of greenhouse gases.

## Installation

Samoa® E panels are rigid and easy to handle and cut by means of a cutter. They are installed on an easy to dismantle T15 or T24 mm framework. We recommend providing air circulation between the room and the plenum in order to balance out any temperature and pressure differences on either side of the ceiling.

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