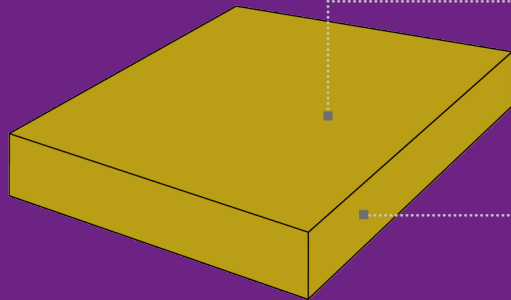


# Eurolene®

Rigid stone wool panel,  
45, 50 or 160 mm thick



A Edges

## KEY FEATURES

- Additional thermal-acoustic insulation
- For masonry partitions, plenums and dry walls
- Reaction to fire: A1



## Eurolene®

> 45, 50, 160 mm rigid bare stone wool panel.



### Acoustic insulation

- Eurolene® panels can be used to create high-performance partitions with insulation values from 30 to 60 dB depending on the design.



### Fire reaction

- According to EN 13501-1: Euroclass A1.



### Fire resistance

- Eurolene® 603 panels, thickness 160 mm are essential products for obtaining REI 30-rated fire resistance for Tonga® A 22, Tonga® A 40, Tonga® E 20, Tonga® Ultra Clean A 22, Tonga® Ultra Clean A 40, Tonga® Ultra Clean E 20, Acoustichoc® A 22, Acoustichoc® A 40 and Alizé® ceilings on a timber supporting structure.



### Humidity performance

- 100% flat irrespective of the moisture content.
- Immune to variations in atmospheric humidity and water vapor coming through the walls.



### Water behaviour

- Non-hydrophilic (Veritas test report no. DEM 7 91 463).
- Tests conducted according to the NF P 75.302 standard have shown that Eurolene® panels are completely resistant to water penetration caused by gravity.
- Eurolene® products do not retain water and can withstand accidental infiltration without any deterioration.



### Thermal resistance

- According to EN 12667, Eurolene® ceilings offer thermal resistance of:

Eurolene®	Thickness	Density	Thermal resistance
603	160 mm	30 kg/m <sup>3</sup>	R = 4.30 m <sup>2</sup> . K/W
604	45 mm	40 kg/m <sup>3</sup>	R = 1.20 m <sup>2</sup> . K/W
605	50 mm	50 kg/m <sup>3</sup>	R = 1.40 m <sup>2</sup> . K/W
607	50 mm	70 kg/m <sup>3</sup>	R = 1.40 m <sup>2</sup> . K/W
609	50 mm	90 kg/m <sup>3</sup>	R = 1.40 m <sup>2</sup> . K/W



### Environment and health

#### Environment

- Mineral wool is recyclable, and the vast majority of production waste is recycled. The recycled content of the mineral wool of our Eurolene® panels is 45%.
- For projects based on LEED®, BREEAM® and HQE™ Green Building certifications, EPD (Environmental Product Declarations) are available. Contact us.
- Eurocoustic is certified to ISO 14001: 2015 «Environmental Management Systems».

#### Healthcare

- Eurocoustic stone wool is certified by EUCEB (European Certification Board for mineral wool product).
- Stone wool panels are manufactured with fibers exempt from the carcinogenic classification (European Regulation 1272/2008 as amended by European Regulation 790/2009). According to the International Agency for Research on Cancer, mineral wool is not classifiable as to its carcinogenicity to humans (Group 3).



### CE marking

- DoP no.: 100 (Eurolene® 603 and 604) and 101 (Eurolene® 605, 607 and 609).



### Indoor Air Quality

- Eurolene® products are classed B.

### AT A GLANCE

Edges	A
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### Module size (mm) and packaging

Width	600	600	600	600	600
Length	1200	1200	1200	1200	1200
Thickness	45	50	50	50	160
Density	40 kg/m <sup>3</sup>	50 kg/m <sup>3</sup>	70 kg/m <sup>3</sup>	90 kg/m <sup>3</sup>	30 kg/m <sup>3</sup>
Panels/pack	12	12	8	8	3
m <sup>2</sup> /pack	8,64	8,64	5,76	5,76	2,16
Packs/pallet	8	8	12	12	10
Service class	C	C	C	C	C

Eurolene® panels are shrink-wrapped for protection. Pallets are wrapped in plastic film and must be stored under cover.