

KEY FEATURES

- Sound insulation : 38 dB
- Reaction to fire: A1
- 100% flat irrespective of the Relative Humidity
- High density panel
- Thermal resistance: 1.10 m². K/W (40 mm) and 2.25 m². K/W (80 mm)

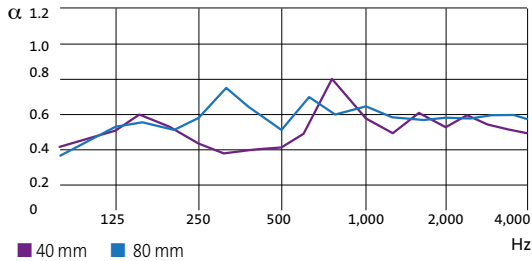


Alizé®

- > Rigid stone wool self-supporting panel.
Complex of glass fiber and aluminum sheet.
Reinforced by a natural glass fiber veil on the reverse side.
- > Designed to be installed on T15 and T24 grids.



Acoustic absorption



- 40 mm : $\alpha_w = 0.55$: class D / NRC = 0.50
- 80 mm : $\alpha_w = 0.60$: class C / NRC = 0.55



Lateral attenuation

- Alizé® ceilings improve lateral acoustic insulation performance between two rooms.

Thickness	Barrier	$D_{n,f,w}$ (C;Ctr) dB
40 mm	+ Acoustipan®	48 (-2, -8)
40 mm	-	38 (-2, -8)



Light reflection

- The light reflection coefficient of the veil is superior to
- Le coefficient de réflexion lumineuse du voile est supérieur à @@@REFLEXION_LUMINEUSE@@.



Fire reaction

- According to EN 13501-1: Euroclass A1.



Fire resistance

- Alizé® ceilings (600 x 600 mm) installed on a T24 **QUICK-LOCK®** grid (see test report) satisfy the requirements of Section CO13 in the French fire regulations for public-access buildings.

Classification	Modules (in mm)	Load-bearing structures	Additional insulation
REI 30	600 x 600	Concrete, Steel	No
REI 30	600 x 600	Timber, Concrete, Steel	160 mm Eurolène® 603 + 0 to 200 mm of IBR

- Alizé® ceilings (600 x 600 and 1,200 x 600 mm) installed on a T24 **QUICK-LOCK®** grid (see test reports) are SF30 according to Belgian standard NBN 713-020.



Humidity performance

- 100% flat irrespective of the Relative Humidity.



Thermal resistance

- According to EN 13162, Alizé® ceilings offer thermal resistance of:

Thickness	Thermal resistance
40 mm	1.10 m² . K/W
80 mm	2.25 m² . 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 Alizé® 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 EUCB (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.: 0007-08.



Indoor Air Quality

- Alizé® products are classed A.



Installation

- Installation must conform to the requirements of the DTU 58.1 code of practice, the NF P 68203-1 and 2 standards and other applicable standards and codes of practice according to the type of room.
- You are advised to ensure that air can circulate between the rooms and the plenum to balance the temperature and pressures on each side of the ceiling.
- Alizé® ceilings are fitted on T15 - T24 grids.
- Tiles can be cut with a craft knife without generating any noise or dust.
- The direction in which the panels should be installed is indicated on the back of the panels.
- Contact us if any mineral wool is to be laid in the plenum.



Cleaning

- The surface of Alizé® ceilings does not retain dust, which makes them easier to clean.
- Alizé® ceilings can be cleaned using light brush / vacuum cleaner.
- This type of cleaning will help extend the service life of Alizé® ceilings.

AT A GLANCE

Color	White 94
Edges	A
Grids	T15 - T24

Module size (mm) and packaging

Width	600	600	600	600
Length	600	600	1200	1200
Thickness	40	80	40	80
Panels/pack	20	12	10	6
m²/pack	7,20	4,32	7,20	4,32
Packs/pallet	12	10	12	10

Alizé® ceiling packs are shrink-wrapped for protection. Pallets are wrapped in plastic film and must be stored under cover .