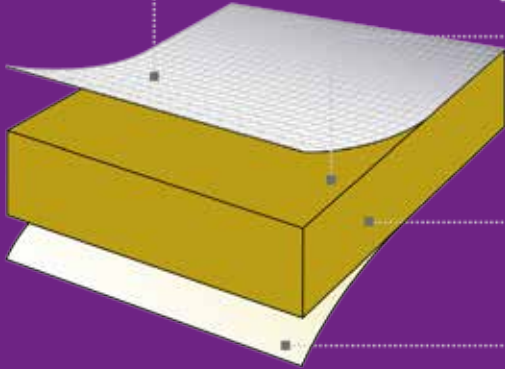


Acoustichoc® A 40

Decorative glass fiber veil
in white or colors, reinforced
with a glass grid

High density
stone wool panel,
40 mm thick



A Edges

Natural glass veil
on reverse side

KEY FEATURES

- Proven impact resistance
- Acoustic absorption : $\alpha_w = 1.00$
- Reaction to fire : A2-s1, d0
- 100% flat irrespective of the Relative Humidity
- Thermal resistance: $1.10 \text{ m}^2 \cdot \text{K/W}$
- IAQ: Class A+
- Fire resistance : REI 30



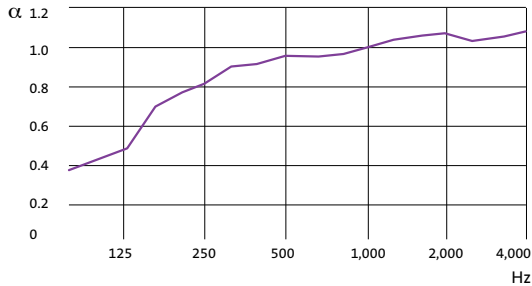
eurocoustic
SAINT-GOBAIN

Acoustichoc® A 40

- > Rigid stone wool self-supporting panel.
- > Decorative glass fiber veil reinforced with a glass grids
- > Designed to be installed on T24 - T35 grids.



Acoustic absorption



- $\alpha_w = 1.00$: class A / NRC = 1



Fire reaction

According to EN 13501-1: EuroClass A2-s1, d0.



Fire resistance

- Acoustichoc® A 40 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 Euroène® 603

- Acoustichoc® A 40 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, Acoustichoc® A 40 ceilings offer thermal resistance of:

Thickness	Thermal resistance
40 mm	1.10 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 Acoustichoc® A 40 panels is 26%.
- 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.: G007.



Indoor Air Quality

- Acoustichoc® A 40 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.
- Acoustichoc® A 40 ceilings are fitted on T24 - T35 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 Acoustichoc® A 40 ceilings does not retain dust, which makes them easier to clean.
- Acoustichoc® A 40 ceilings can be cleaned using light brush / vacuum cleaner.
- This type of cleaning will help extend the service life of Acoustichoc® A 40 ceilings.

AT A GLANCE

Color	White
Edges	A
Grids	T24 - T35

Module size (mm) and packaging

Width	600
Length	1200
Thickness	40
Panels/pack	10
m²/pack	7,20
Packs/pallet	12
Service class	B

Acoustichoc® A 40 ceilings are shrink-wrapped for protection. Pallets are wrapped in plastic film and must be stored under cover.