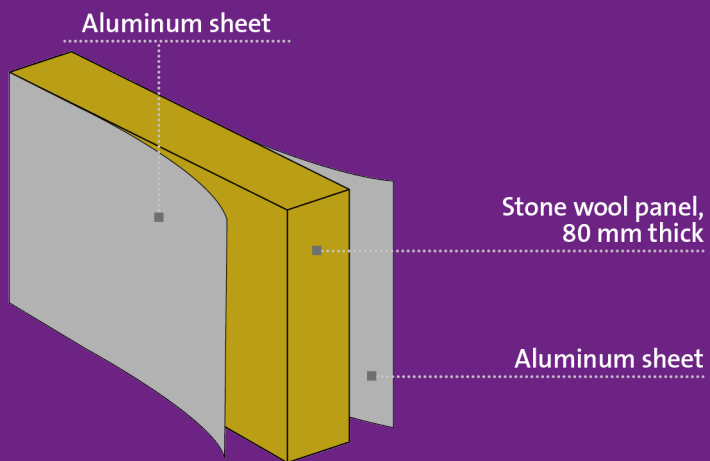


# Acoustipan®



## KEY FEATURES

- Acoustic barrier for a sound reduction up to 11 dB
- 100% flat irrespective of the moisture content
- IAQ: Class A



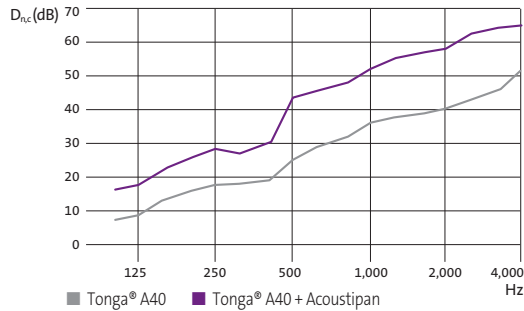
## Acoustipan®

- > Rigid stone wool self-supporting panel.
- > Covered on both sides with a sheet of aluminum.



### Lateral attenuation

- Acoustipan® reduces lateral transmission between two spaces.



- Tonga® A40 :  $D_{n,c,w}$  (C;Ctr) = 28(-2 ; -6) dB
- Tonga® A40 + Acoustipan® :  $D_{n,c,w}$  (C;Ctr) = 39(-2 ; -7) dB



### Fire reaction

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



### Empty spaces in attics

- Inaccessible attics and the existing gap between the floor and the suspended ceiling must be filled with materials featuring a M0 fire protection rating or by firewalls with a 15-minute rating.
- The maximum surface of these spaces must not exceed 300 m<sup>2</sup>, and the longest side must not exceed 30 m.
- This is not required if the empty spaces above are protected with an automatic fire suppression system or located inside a compartment.



### Humidity performance

- 100% flat irrespective of the moisture content.



### Thermal resistance

- According to EN 13162, Acoustipan® panels offer thermal resistance of:

Thickness	Thermal resistance
80 mm	2.35 m <sup>2</sup> . K/W



### Environment and health

#### Environment

- Mineral wool is recyclable, and the vast majority of production waste is recycled.
- 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.: 0001-103.



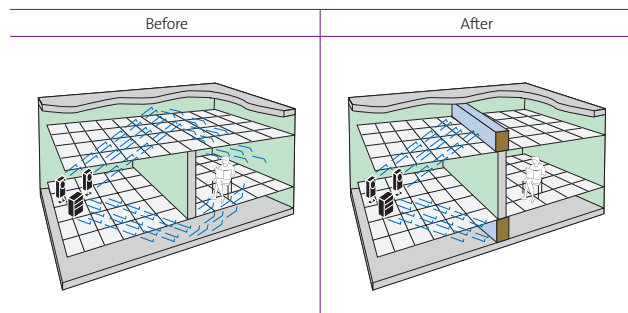
### Indoor Air Quality

- Acoustipan® products are classed A.



### Installation

- Acoustipan® panels are arranged in the plenum on the top of mobile separating partitions, between rooms to be isolated.
- 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.



### AT A GLANCE

#### Module size (mm) and packaging

Width	600	1000
Length	1200	1200
Thickness	80	80
Panels/pack	5	3
m <sup>2</sup> /pack	3,60	3,60
Packs/pallet	12	10
Service class	A	A

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