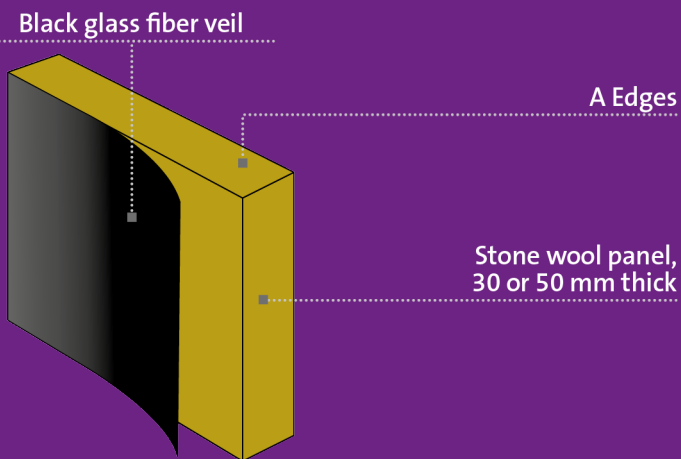


Protisol®

KEY FEATURES

- Additional thermal-acoustic insulation
- Can be incorporated into insulating covers, baffles, partitions and insulating cladding
- Acoustic absorption: α_w = up to 1 (50 mm)
- Reaction to fire: A1
- 100% flat irrespective of the moisture content
- Thermal resistance of 1.35 m². K/W
- Non-combustible

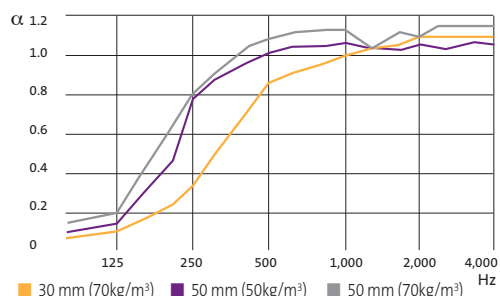


Protisol®

- > 30 or 50 mm rigid stone wool panel.
- > Covered with a black glass veil.



Acoustic absorption



- 30 mm (70 kg/m³) : $\alpha_w = 0.65$ (MH) : class C / NRC = 0.80
 - 50 mm (50 kg/m³) : $\alpha_w = 0.95$: class A / NRC = 0.90
 - 50 mm (70 kg/m³) : $\alpha_w = 1$: class A / NRC = 1
- Measurements made without plenum.



Fire reaction

- According to EN 13501-1: Euroclass A1.



Humidity performance

- 100% flat irrespective of the moisture content.



Thermal resistance

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

| Protisol® | Thickness | Density | Thermal Resistance |
|--------------|-----------|----------------------|-------------------------------|
| Protisol® 05 | 50 mm | 50 kg/m ³ | R = 1.35 m ² . K/W |
| Protisol® 07 | 30 mm | 70 kg/m ³ | R = 1.35 m ² . K/W |
| Protisol® 07 | 50 mm | 70 kg/m ³ | R = 1.35 m ² . 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.: 0001-104.



Indoor Air Quality

- Protisol® products are classed B.

AT A GLANCE

Module size (mm) and packaging

| | | | | |
|----------------------|----------------------|----------------------|----------------------|----------------------|
| Width | 600 | 600 | 1200 | 1200 |
| Length | 1200 | 1200 | 1200 | 1200 |
| Thickness | 50 | 50 | 30 | 50 |
| Density | 50 kg/m ³ | 70 kg/m ³ | 70 kg/m ³ | 70 kg/m ³ |
| Panels/pack | 12 | 8 | 8 | 4 |
| m ² /pack | 8,64 | 5,76 | 11,52 | 5,76 |
| Packs/pallet | 8 | 12 | 10 | 12 |
| Service class | B | B | B | B |

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