

Bi-absorptive soundproofing panel, steel male/female joint with rock wool insulated core. Can be used for the sound insulation of industrial environments such as, for example, acoustic booths, partitions, roofs and small noise barriers. Mainly used in the internal partitioning of industrial environments.

Certifications

A1

Reaction to fire (materials)

A1 Euroclass in compliance with EN 13501-1

$\alpha_s 0.9$

Sound absorption

up to $\alpha_s 0.9$ in compliance with ISO 354

Use and specifications



Acoustic comfort

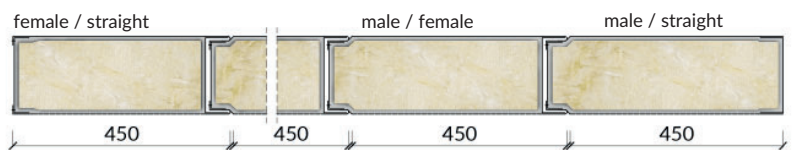
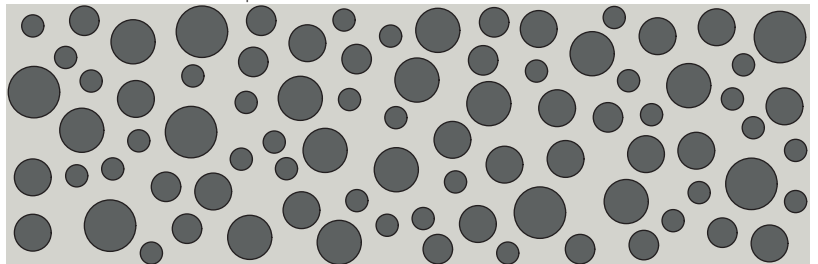


Fast assembly



Industrial wall

Perforation CS - 38% perforated surface

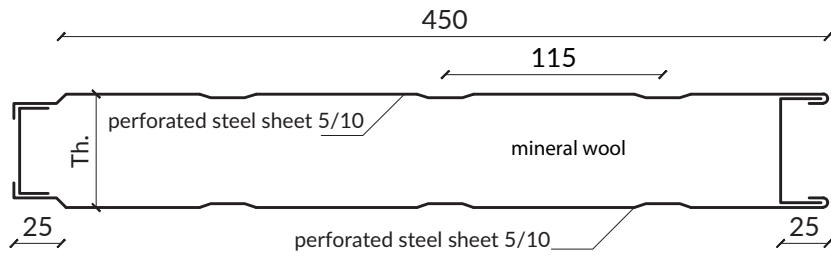


The Bi-Absorption Wall panel has different types of joints: the traditional male/female and the two female/straight and male/straight joints. For specific projects, Panurania can produce panels with customised dimensions so as to prevent subsequent cuts and adjustments.

Reference measurements*:

| Width. | Length. | Thickness. |
|--------|-------------------------|----------------------|
| 450 mm | from 2400 mm to 6000 mm | from 50 mm to 100 mm |

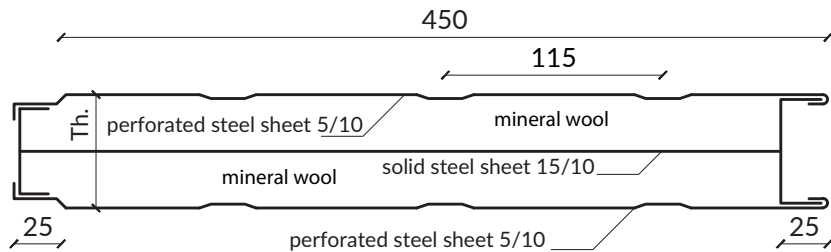
* Size can be customised to prevent cuts and adjustments.



| name | internal steel sheet (mm) | external steel sheet (mm) | core | thickness (mm) | panel (kg/m ²) | transmittance (W/m ² K) |
|-------|---------------------------|---------------------------|--------------|----------------|----------------------------|------------------------------------|
| BAW30 | 0.5 | 0.5 | mineral wool | 50 | 20.1 | 0.70 |
| BAW32 | 0.5 | 0.5 | mineral wool | 80 | 23.2 | 0.44 |
| BAW33 | 0.5 | 0.5 | mineral wool | 100 | 25.3 | 0.35 |



| name | internal steel sheet (mm) | external steel sheet (mm) | internal materials | core | thickness (mm) | panel (kg/m ²) | transmitt. (W/m ² K) |
|-------|---------------------------|---------------------------|-----------------------------|--------------|----------------|----------------------------|---------------------------------|
| BAW32 | 0.5 | 0.5 | central steel sheet 1 mm | mineral wool | 80 | 23.2 | 0.44 |
| BAW33 | 0.5 | 0.5 | central steel sheet 1 mm | mineral wool | 100 | 25.3 | 0.35 |



| name | internal steel sheet (mm) | external steel sheet (mm) | internal materials | core | thickness (mm) | weight (kg/m ²) | transmitt. (W/m ² K) |
|-------|---------------------------|---------------------------|-------------------------------|--------------|----------------|-----------------------------|---------------------------------|
| BAW32 | 0.5 | 0.5 | central steel sheet 1.5 mm | mineral wool | 80 | 27.2 | 0.44 |
| BAW33 | 0.5 | 0.5 | central steel sheet 1.5 mm | mineral wool | 100 | 29.3 | 0.35 |