

MODUS acoustic panels

Lees meer info op onze website www.demeubelmakelaar.nl



FEATURES

- The possibility to choose from various types of sizes, heights and orientation (horizontal, vertical)
- Different fabric colours in panel combinations
- 2 colour fabric combinations in vertical panels
- Certified sound absorption – class C
- Light weight construction

QUALITY STANDARD

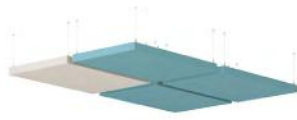
- LST EN ISO 354:2004
- LST EN ISO 11654:1998

TECHNICAL INFORMATION



Double-sided ceiling panels

- Frames made of 18 mm plywood;
- 20 mm acoustic foam;
- 10 mm foam HR3030;
- Covered with 3 mm foam VB2240;
- Upholstered with fabric.



One-sided ceiling panels

- Frames made of 30 mm plywood;
- Covered with 3 mm foam VB2240;
- 20 mm acoustic foam;
- Upholstered with fabric;
- Spunbond.



One-sided wall panels

Fittings

- Drilled to the wall fittings;
- Adhesive fittings (for glass or quick assembly);
- Connection components for the panels of the same length;
- Ceiling panels suspension set (50-3000 mm);
- Double-sided (vertical) panels suspension set (50-3000 mm);
- Double-sided (vertical) panels suspension set for interconnect (50-1200 mm).

MATERIALS

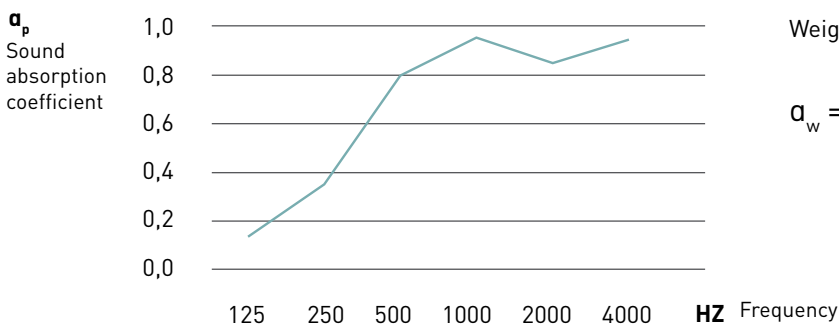
- Fabric: VELITO PRESTO, SYNERGY.

GUARANTEE

- 5 years

PRACTICAL SOUND ABSORPTION

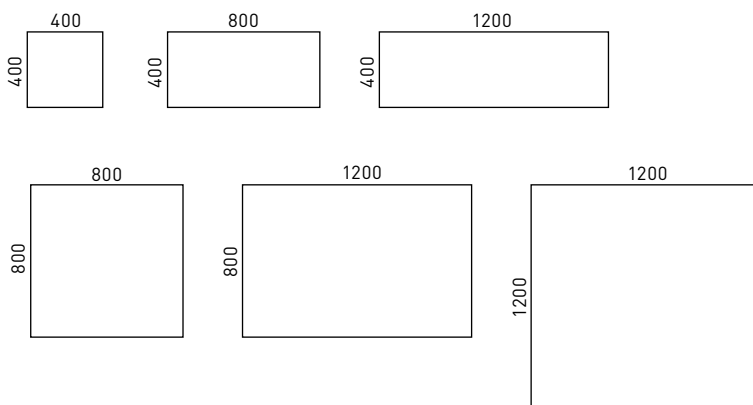
Rating of sound absorption, calculated in accordance with LST EN ISO 11654:1998



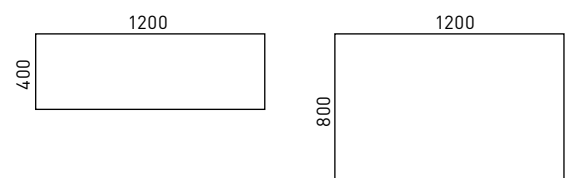
Weighted sound absorption coefficient:

$$\alpha_w = 0,65 \text{ (MH)}$$

RANGE

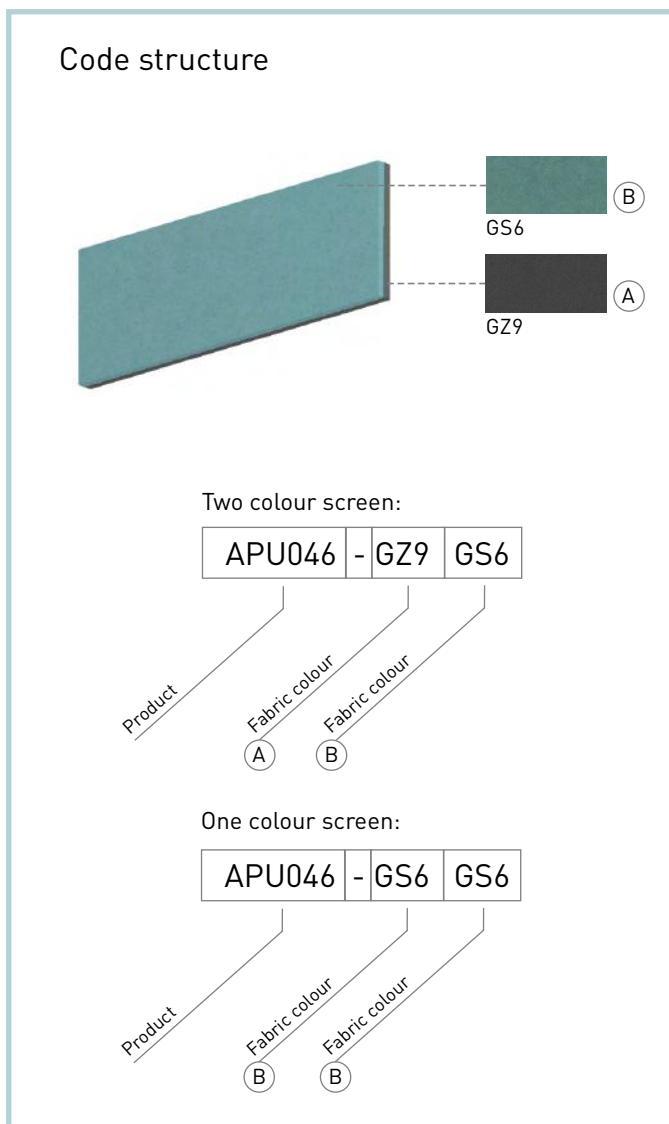


Wall and horizontal ceiling panels, H=40 / 70 mm



Suspended vertical ceiling panels (double-sided), H=46 mm

ORDERING EXAMPLE



! Please note when ordering:



Suspensions for horizontal ceiling panels

Can support a load of 5 kg per 1 piece.



Adhesive fittings (APU048)

- Fixed on: glass, plastic, metal, ceramics, varnished surfaces*.
- Unsuitable for connected compositions.
- Can support a load of 4 kg (1 kg per 1 piece).



Set of drilled and adhesive fittings (APU047)

- Fixed on: all surfaces that can be drilled;
- Recommended load up to 20 kg.

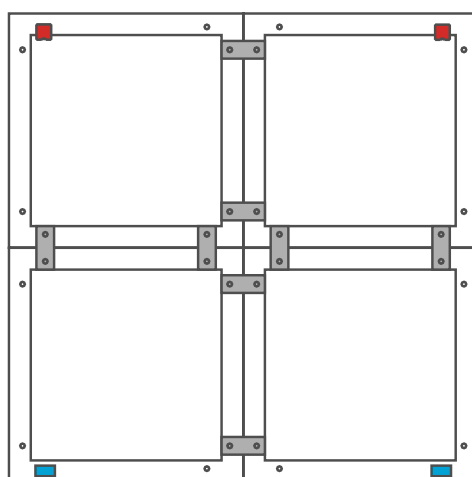


Panel connection components (APU049)

- Used together with APU047;
- Panels connection components for the same length panels (2 pcs.);
- Recommended composition weight up to 20 kg or 4 panels.

* The adhesive must flow onto the surface and create full surface contact. The surface to be bond must be free of grease, loose particles and moisture. Since the glue has bond with the surface it is recommended not to put a weight on before 30 minutes (even better 2 hours).

WALL PANELS CONNECTION EXAMPLE WITH FITTINGS



APU040(4) + APU047(1) + APU049(4)



Connection components 2 pcs. (APU049)



Set of 2 pcs. drilled and 2 pcs. adhesive fittings (APU047)

MODUS acoustic screens



FEATURES

- Certified sound absorption - class D
- Lightweight (lower desk load, easier to transport)
- Height-adjustable (except for MOTION desks)
- Visually attractive interior detail – possibility to combine 2 colours of fabric
- Option to reverse and fix screen from any side you want

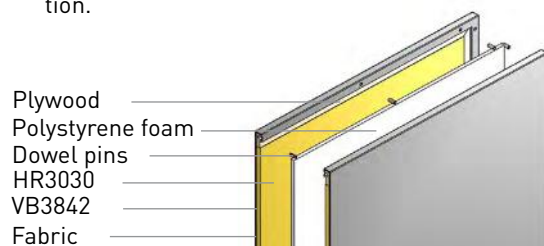
QUALITY STANDARD

- LST EN ISO 354:2004
- LST EN ISO 11654:1998

TECHNICAL INFORMATION

Screen composition

- Frame made of 15x40 mm plywood;
- Central layer made of 10 mm polystyrene foam;
- Second layer is made of HR3030 10 mm foam from both sides;
- Third layer is made of VB2240 3 mm foam from both sides;
- Dowel pins combine two panels;
- Upholstered with 1 colour fabric or 2 colour fabric combination.

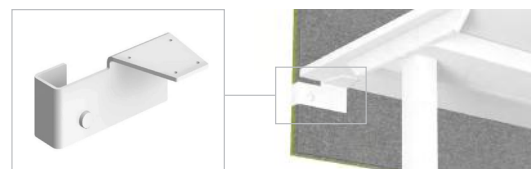


Height adjustment (not available for MOTION 2-desk benches)

- Screens can be raised / lowered to the preferred height;
- Only two screws must be tightened to ensure stability.

Fittings for height adjustable screens

- Compatible with ONE, ONE H, EASY, T-EASY, NOVA A and single MOTION desks;
- Screens are inserted into the fittings (154x124, H=74 mm);
- Pressed with screws to ensure stability;
- Fixed to the desktop.



Fittings for fixed height screens

- Compatible with MOTION 2-desk benches;
- Screens are inserted into the fittings (77x44, H=205 mm);
- Fixed to the legs.

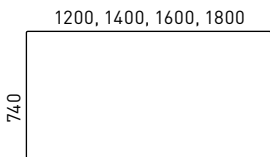
MATERIALS

- Fabric: SYNERGY, VELITO PRESTO;
- Metal: E (white), M (metallic), A (black) (ONE, ONE H, EASY, T-EASY and NOVA A desks);
- Metal: E (white), A (black) (MOTION desks).

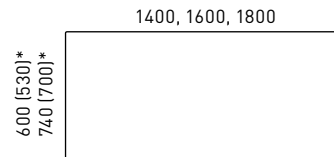
GUARANTEE

- 5 years

RANGE



Height adjustable screens for ONE, ONE H, EASY, T-EASY, NOVA A desks, MOTION single desks with 2-columns and 3-columns legs

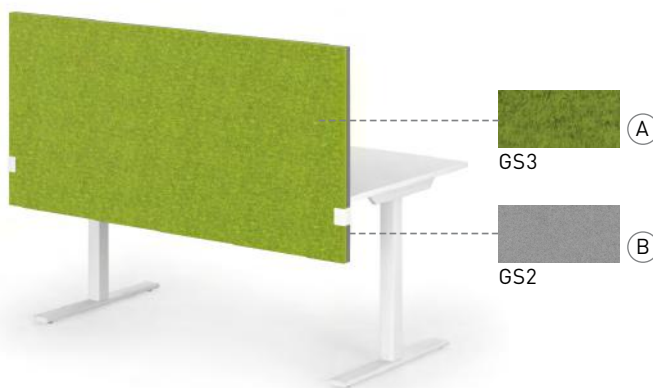


Fixed height screens for MOTION 2-desk benches with 2-columns and 3-columns legs

*Screen height above the desktop

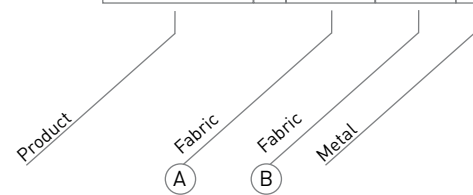
ORDERING EXAMPLE

Code structure



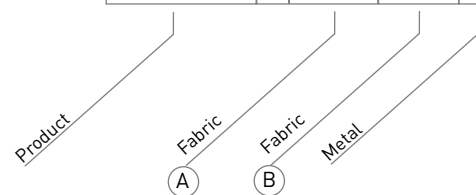
Two colours combination screen:

APK140 - GS3 GS2 E



One colour screen:

APK140 - GS3 GS3 E



MODUS Light acoustic panels

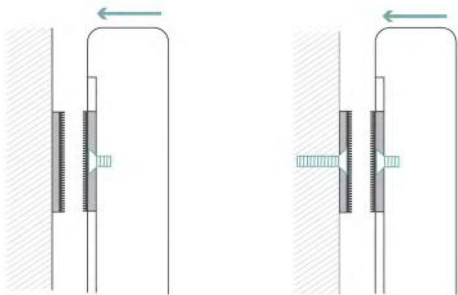


FEATURES

- Lightweight panels;
- Acoustic foam A and C class sound absorber (according to DIN EN ISO 354 standard);
- Wide choice of colours and upholstery materials;
- Wide range of fixing possibilities;
- According to the need, the client can replace the fabric.

Fixing

- Adhesive fittings for wall or ceiling (glass / plastic / metal / ceramics / varnished surfaces)*;
- Screwed fittings for wall or ceiling (masonry / wood / gypsum);



* The adhesive must flow onto the surface and create full surface contact. The surface to be bond must be free of grease, loose particles and moisture. Since the glue has bond with the surface it is recommended not to put a weight on before 30 minutes (even better 2 hours).

TECHNICAL INFORMATION

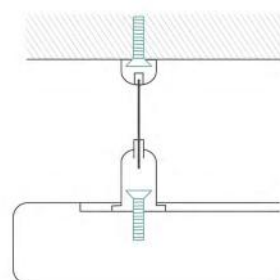
Wall and ceiling acoustic panel composition

- Acoustic foam glued to white painted HDF-3 mm;
- Upholstered using Velcro straps.

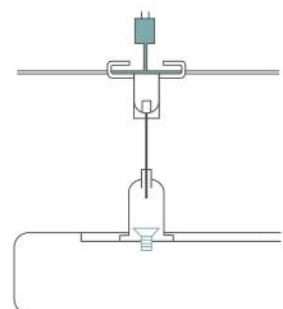
Acoustic panel composition for "Armstrong" ceiling from 600x600 mm modules

- Acoustic foam glued to white painted HDF-3 mm;
- Upholstered using Velcro straps;
- Zinc metal strip suspension for "Armstrong" type ceiling.

- Wire rope 50-1200 mm for ceiling (masonry / wood / gypsum);



- Wire rope 50-1200 mm for ceiling (Armstrong profile T24).



MATERIALS

- Fabric: BERTA, VELITO PRESTO, LUCIA, SYNERGY, STEP/STEP Melange.

NOTE:

- Depending on the looking perspective, BERTA fabric has a pattern direction, therefore it might have slightly different colour tones;
- Panels dimensions have tolerance of ± 1 mm.

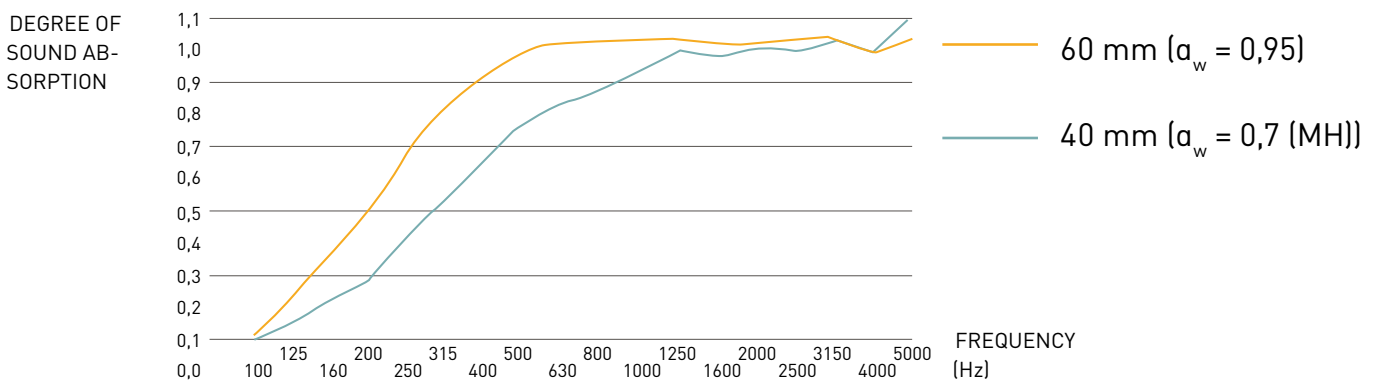
PRACTICAL SOUND ABSORPTION

- 68 mm thickness class A sound absorber
- 48 mm thickness class C sound absorber

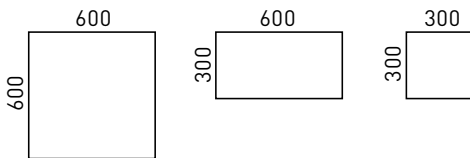
GUARANTEE

- 5 years

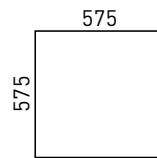
Sound absorption of the acoustic foam in accordance with DIN EN ISO 354 standard



RANGE



Wall and ceiling acoustic panels, H=48/68 mm



Acoustic panel composition for "Armstrong" ceiling from 600x600 mm modules, H=48/68 mm

ORDERING EXAMPLE

Code structure

