M.A.D.

BITUMINOUS MEMBRANE FOR ACOUSTIC ISOLATION OF LOW FREQUENCIES

- **Acoustic insulation**
- **Greater sound protection**
- **Low frequency isolation**
- **Minimum thickness**
- **Easy & fast installation**
- **Improvement resonance**

M.A.D.® is a bituminous sheet armed with mineral charges, coated on its external faces by a high density polyethylene film. Acoustically it works as a plastic element between elements rigid, being an effective substitute for lead; between elements spring works as membrane resonator (typical absorber at low frequencies).

ADVANTAGES

- By increasing the mass of light walls a higher acoustic performance is achieved.
- Displaces resonance frequencies of the rigid elements making the insulation greater.
- Between insulators, it transforms acoustic energy into dynamics improving insulation at low frequencies.
- By increasing the insulation at low frequencies, the air chambers used can be the minimum possible.
- Easy to install by stapling to the surface or using M.A.D. Autoadhesiva.
- Improves the resonance of galvanised steel sheets.

USES

- It is used between rigid elements, such as plasterboard, to improve insulation at low frequencies, both in vertical and horizontal surfaces.
- Used between springs to increase the overall isolation of the treatment, significantly improving at low frequencies.
- It is used in industrial insulation as an anti-resonant material, providing acoustic mass to galvanized steel sheets.
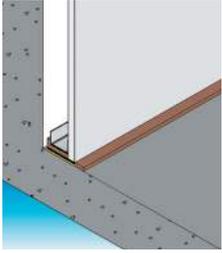
ENVIRONMENTAL INFORMATION

Volatile organic compounds (COV's) = 50 µg/m³ according to ISO 16000-6:2006

ÉMISSIONS DANS L'AIR INTÉRIEUR*

A+

A+ A B C

danosa
Building together
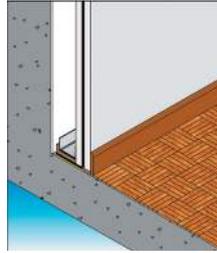
M.A.D.

METHOD OF APPLICATION

1.- Fix the first laminated plasterboard.

2.- Place the product from top to bottom of the wall, matching the overlaps.

3.- Fix the sheet mechanically to the plasterboard using staples.

4.- Fix the second laminated gypsum board to the sheet by means of sheet metal screws, counterbalancing the joints with the first plate.

PRODUCT RANGE

Product name	Dimensions (m)	Thickness (mm)	Nominal mass (kg/m²)	Airbourne noise improvement (dBA)	Rolls/ pallet
M.A.D. 2	1 x 12	2	> 3,4	> 3	28
M.A.D. 4	1 x 6	4	> 6,5	> 6	28
M.A.D. 4 autoadhesiva	1 x 6	4	> 5,7	> 6	28
M.A.D. 4 autoadhesiva (sheets)	1 x 1,20	4	> 5,7	> 6	125
M.A.D. 6	1 x 4,5	6	> 6,5	> 10	28

COMPATIBLE SOLUTIONS

• M.A.D. 6
M.A.D. 6 •

High performance divider

• M.A.D. 4

Remodeling noisy premises

• M.A.D. 4

Music rooms

• M.A.D. 4

Floating ceilings in noisy nightclubs

• M.A.D. 4

Floating ceiling for music venues

• M.A.D. 6

High performance floating ceiling