

AKUSTIK® - ONE

THREE-LAYERS SOUND-INSULATING AND SELF-SUPPORTING PANEL WITH PROTECTIVE ENVELOPE

CE MARKED PRODUCT



STANDARD DIMENSIONS

Width: 1000 mm

Length: 600 mm

Thickness: 35 mm

Dimensions tolerance: to DIN 7715, Part 2

TECHNICAL CHARACTERISTICS

- **Sound insulation values (panel itself):** Certified $R_w = 30,0$ dB
- **Sound insulation values (between two 8 cm hollow bricks):** Certified $R_w = 58,0$ dB
- **Weight:** 10 Kg/m^2
- **Dimensions:** 1000×600 mm
- **Thickness:** 35 mm
- **Thermal conductivity:** $W/mK 0,036$

MATERIAL

Akustik® One is the panel made up of EPDM rubber mass placed between a fiberglass layer (density 85 Kg/m^3) and an agglomerated polyurethane layer (density 120 Kg/m^3).

This product is equipped with a protective envelope, its total weight is 10 Kg/m^2 and it has a 35 mm thickness. Product completely bitumen free.

FIELDS OF APPLICATION

L'Akustik® One is an excellent sound-insulating material that is largely used for partitions walls, both in masonry and in plasterboard and for any kind of false ceiling in order to decrease the noise caused by the structures with little mass. Furthermore, Akustik® One is also a good heat-insulating material.

INSTALLATION

Akustik® One is a soundinsulating panel fast and easy to be installed. This product is kept clean from a protective envelope that turns Akustik® One into a handy and resistant material as far as maintenance and installation are concerned. Akustik® One must be installed in between an existent wall and a second wall built up in contact with the panel, just placed without fixings, or alternatively fixed with plastic-jacket screws or glued, always taking care of the continuity of the panels and avoiding spaces left uncovered by the material. It can be sealed using AKUSTIK BAND. It can be easily cut and it is possible to install it without its plastic envelope.

Once installed, a second wall can be built up in contact in hollow bricks.