

# AKUSTIK® - ONE

CE MARKED PRODUCT



WIDTH	1000 mm
LENGTH	600 mm
THICKNESS	35 mm
DIMENSIONS TOLERANCE	to DIN 7715 Part 2
SOUND INSULATION VALUES	certified $R_w = 30,0$ dB (panel itself) certified $R_w = 58,0$ dB (between two 8cm hollow bricks)
WEIGHT	10 Kg/m <sup>2</sup>
THERMAL CONDUCTIVITY	$\lambda = 0,036$ W/mK

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

## MATERIAL

Akustik® One is a panel made up by an EPDM rubber mass placed between a polyester fiber panel density 60 Kg/m<sup>3</sup> and a agglomerated polyurethane layer, density 120 Kg/m<sup>3</sup>, with a total weight of 10 Kg/m<sup>2</sup> and 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.

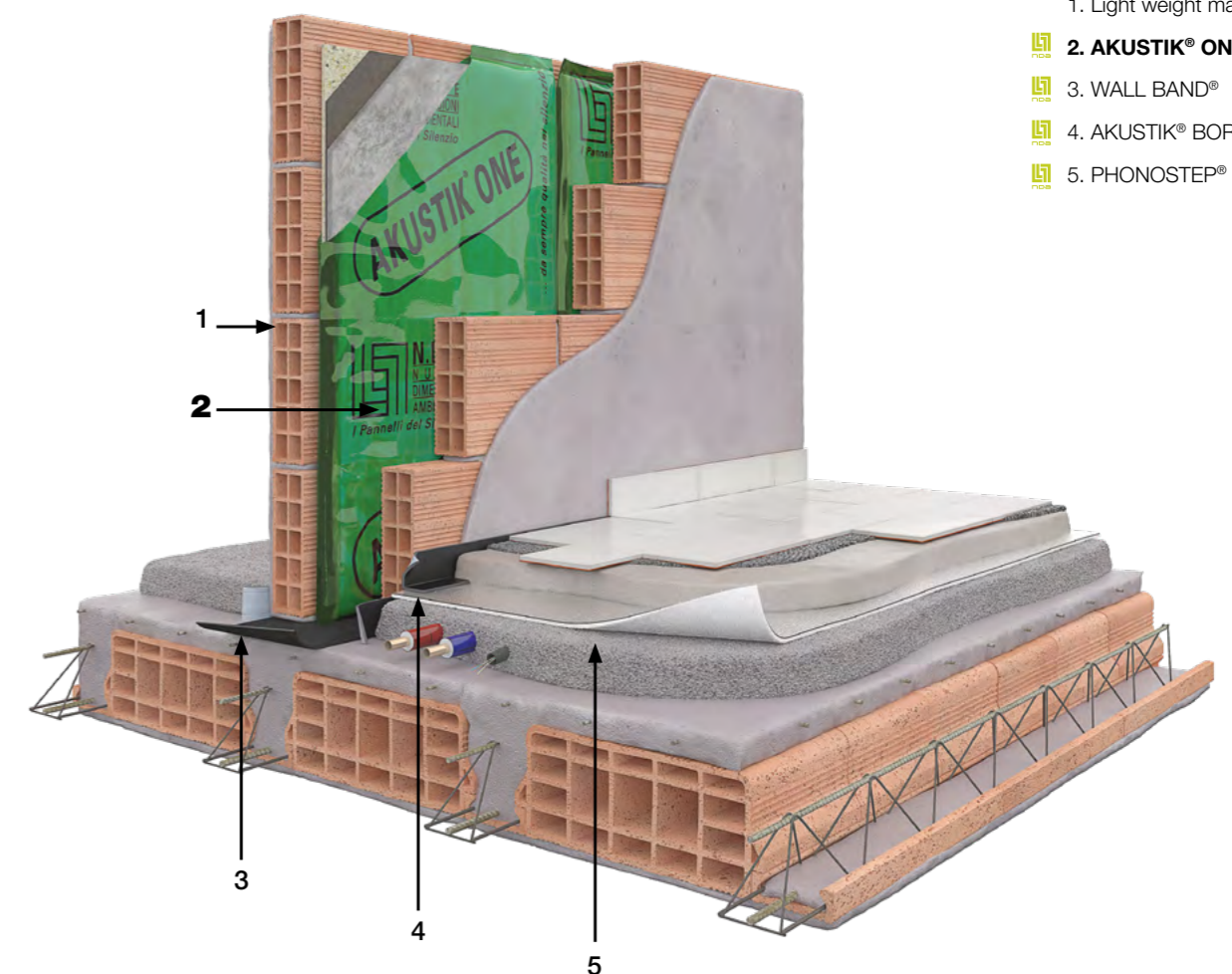
## APPLICATIONS

### SOUND INSULATION

THERMAL AND ACUSTIC INSULATION OF AIRCRAFT NOISES THROUGH THE CREATION OF HIGH INSULATING POWER WALLS AND CEILING

$R_w = 58$  dB

Certificate  
0026-C/DC/ACU/03CSI



#### LEGEND

1. Light weight masonry
2. AKUSTIK® ONE
3. WALL BAND®
4. AKUSTIK® BORDER
5. PHONOSTEP®