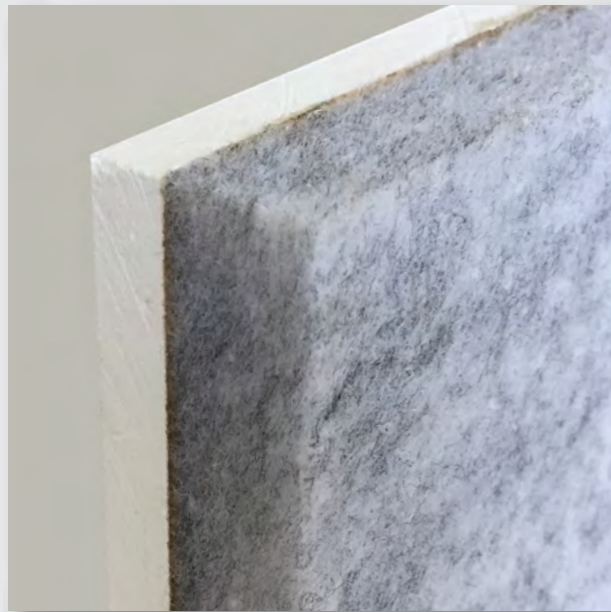


# AKUSTIK® - GIPS ART. 9

CE MARKED PRODUCT



PLASTERBOARD COMBINED WITH A POLYESTER FIBER PANEL ON ONE SIDE FOR THE THERMAL AND SOUNDPROOFING INSULATION OF WALLS

## MATERIAL

Akustik®-Gips Art. 9 is the special two layer plasterboard with characteristics of sound barrier, soundproof and thermal insulation, self-supporting, achieved combining a 20 mm thickness layer of AKUSTIK SOFT, polyester non-toxic thermal bonded fiber, density 50 Kg/m<sup>3</sup> changeable along the thickness, Euroclass B-s2 d0 flame resistance and a layer of BA 12,5 mm plasterboard.

WIDTH	1200 mm
LENGTH	2000 o 3000 mm
THICKNESS	12,5 + 10 - 20 - 40 mm
THERMAL RESISTANCE	sp. 12,5 + 10 = 0,35 m <sup>2</sup> K/W sp. 12,5 + 20 = 0,65 m <sup>2</sup> K/W sp. 12,5 + 40 = 1,26 m <sup>2</sup> K/W
RESISTANCE WATER VAPOUR DIFFUSION	S <sub>d</sub> = 0,14 m
SOUND INSULATION VALUES	Certified R <sub>w</sub> = 58,0 dB
REACTION TO FIRE	Plasterboard A2-s1, d0; Polyester fiber B-s2, d0
COMPOSITION	Bilayer product composed by:  <div style="display: flex; align-items: center;"> <div style="width: 20px; height: 10px; background-color: black; margin-right: 5px;"></div> <div style="font-size: 0.8em; margin-right: 5px;">A</div> <div style="font-size: 0.8em;">Polyester fiber D. 50 Kg/m<sup>3</sup>, sp. 20-40 mm</div> </div> <div style="display: flex; align-items: center; margin-top: 5px;"> <div style="width: 20px; height: 10px; background-color: gray; margin-right: 5px;"></div> <div style="font-size: 0.8em; margin-right: 5px;">B</div> <div style="font-size: 0.8em;">Plasterboard 12,5 mm</div> </div>

## FIELDS OF APPLICATION

The elevated thermal insulation and soundproof characteristics make it an excellent product for the thermal insulation and soundproofing of masonry walls, perimeter walls, dividers between housing, offices or hotel rooms.

## INSTALLATION

Akustik®-Gips Art. 9 can be applied with dry lining to existing walls by direct bonding with FORTECEM dB+ cement mortar and mechanical fixings.

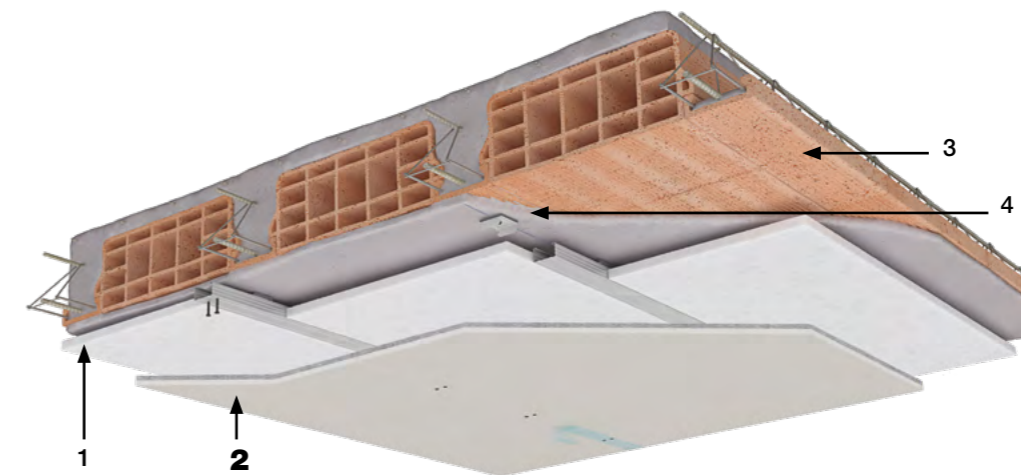
The version 12,5+10 mm can be installed on metal frames through screwing to create counter walls and false ceiling with a high soundproofing power.

## APPLICATIONS

### FALSE-CEILINGS

SOUND INSULATION OF AIR AND FLOOR NOISES ON EXISTING FLOORS TO REALIZE HIGH INSULATION FALSE-CEILING

R<sub>w</sub> = 56 dB - L<sub>n,w</sub> = 63 dB



#### LEGEND

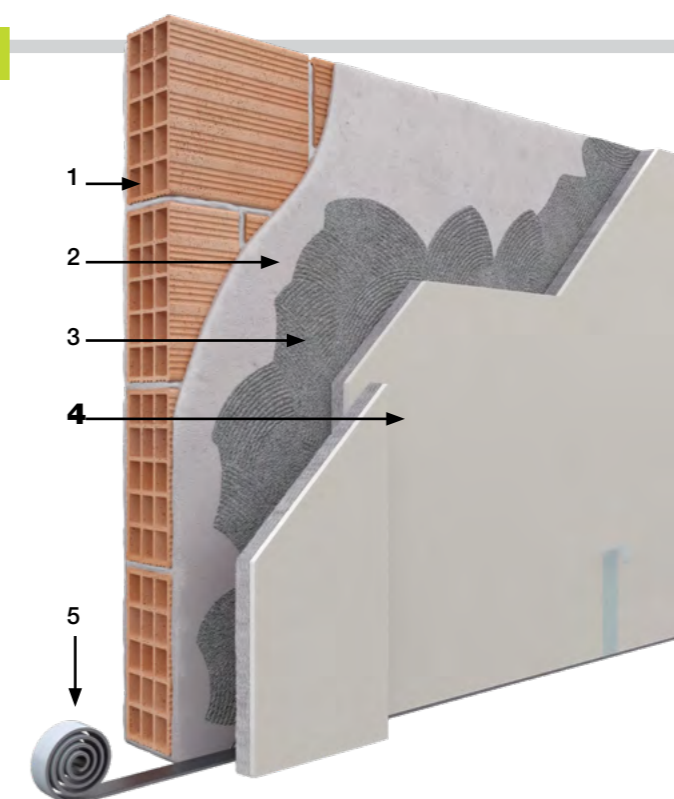
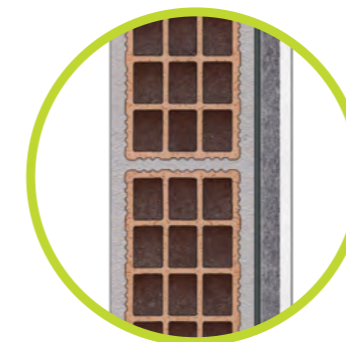
1. AKUSTIK® SOFT Th 20mm D. 30 Kg/m<sup>3</sup>
2. AKUSTIK® GIPS ART. 9 12,5 + 10 mm
3. Concrete slab
4. Connecting clip and metal stud 50/27

### WALLS IN ADHERENCE

SOUND INSULATION ON EXISTING WALLS WITH HIGH INSULATIONS SYSTEMS AND MINIMUM THICKNESS

R<sub>w</sub> = 58 dB

Certificate 331860 I. G.



#### LEGEND

1. Light weight masonry
2. Cement mortar
3. FORTECEM dB+ glue
4. AKUSTIK® GIPS ART. 9 12,5 + 20 mm
5. AKUSTIK® BAND