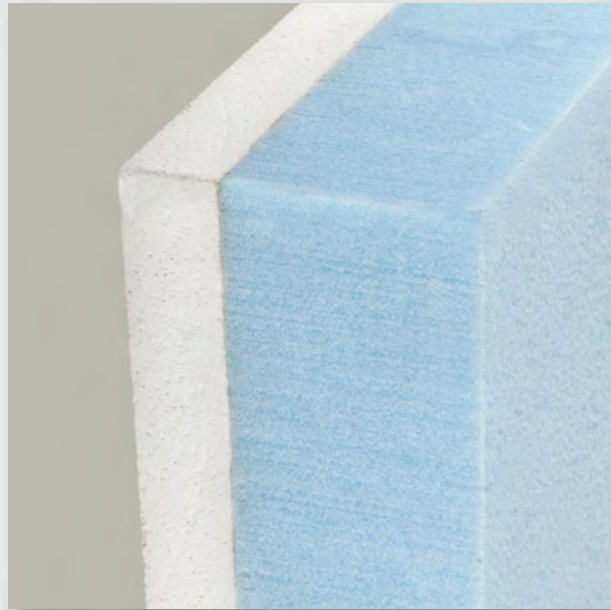


# CLIMA- GIPS

MARKED PRODUCT



PLASTERBOARD COMBINED WITH AN EXPANDED EXTRUDED POLYSTYRENE PANEL FOR HEAT INSULATION MATERIAL

## MATERIAL

Clima-Gips is the plasterboard coated on one side with a expanded extruded polystyrene panel, with very good heat-insulating properties. The special patterned surface of the panel facilitates the application to walls by using mortar or adhesives.

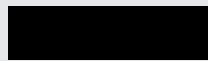
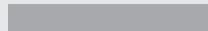
## FIELDS OF APPLICATION

This product is used for the heat insulation treatment of wall and ceilings. It is mainly use for insulation systems, and specially designed to facilitate the anchoring with mortars on existing walls.

## INSTALLATION

It can be easily applied as a normal plasterboard on masonry walls through adhesive mortar FORTECEM dB+ or adhesive and plastic jacket screws.

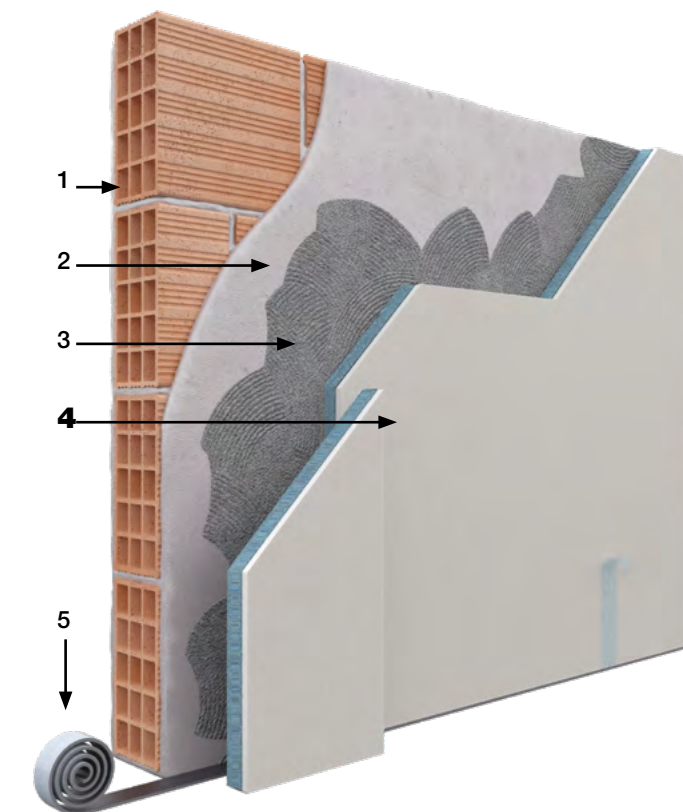
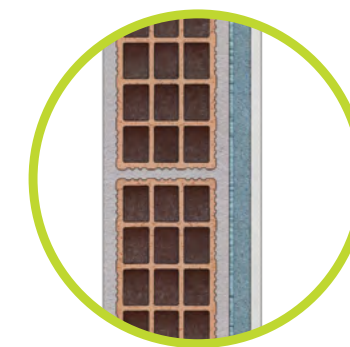
The product can be installed on metal frames through screwing to create counter walls and false ceiling with a high soundproofing power.

<b>WIDTH</b>	1200 mm
<b>LENGTH</b>	2000 o 3000 mm
<b>THICKNESS</b>	13+20; 13+30; 13+40; 13+50 mm Other on request
<b>COMPRESSION SET</b>	10% thickness 20 and 30 mm = 320 K Pa
<b>WATER ABSORBANCE</b>	1,0% per volume
<b>STEAM PERMEABILITY</b>	$\mu$ 100
<b>TEMPERATURE RESISTANCE</b>	-65° C / +75°C
<b>CONDUCTIVITY COEFFICIENT</b>	$\lambda = 0,032$ W/mK
<b>REACTION TO FIRE</b>	Plasterboard A2-s1, d0; expanded extruded polystyrene E
<b>COMPOSITION</b>	Bilayer product composed by:
	A Expanded extruded polystyrene 20-30-40-50 mm
	B Plasterboard 12.5 mm




## APPLICATIONS

### WALLS IN ADHERENCE

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



#### LEGEND

1. Light weight masonry
2. Cement mortar
-  3. FORTECEM dB+ glue
-  4. CLIMA - GIPS
-  5. AKUSTIK® BAND

#### DECLARED THERMAL RESISTANCE ( $R_D$ ) OF THE PANEL

THICKNESS	REFERENCE STANDARD	UNIT OF MEASURE	VALUES
20 + 13 mm	EN 13164/EN 13950	$\lambda_D$ : W/mK - $R_D$ : m <sup>2</sup> K/W	0,65
30 + 13 mm	EN 13164/EN 13950	$\lambda_D$ : W/mK - $R_D$ : m <sup>2</sup> K/W	0,95
40 + 13 mm	EN 13164/EN 13950	$\lambda_D$ : W/mK - $R_D$ : m <sup>2</sup> K/W	1,25
50 + 13 mm	EN 13164/EN 13950	$\lambda_D$ : W/mK - $R_D$ : m <sup>2</sup> K/W	1,50