

# FERMASOUND® ART. 2

CE MARKED PRODUCT



SPECIAL GYPSUM FIBER BOARD WITH A 12,5 MM THICKNESS AND WEIGHT OF 15 KG/M<sup>2</sup> COMBINED WITH AN EPDM TECSOUND® HIGH MASS LAYER OF 5 KG/M<sup>2</sup>

## MATERIAL

Fermasound Art. 2 is a special soundproof board for hotels, schools and hospitals, made of gypsum fiber covered on one side with a high density mass layer of EPDM TECSOUND® with low elastic modules and a total weight of 20Kg/m<sup>2</sup>. Product completely bitumen free.


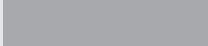
## FIELDS OF APPLICATION

Fermasound Art. 2 is widely used in partitions and drywall ceilings, in order to increase the soundproofing, and it is also ideal for moist environments. Furthermore, given its high level of resistance to knocks and its high level of soundproofing it is the ideal board for hotels, hospitals, schools.

## INSTALLATION

Fermasound Art.2 is fixed to metallic structure with special self-tapping screws for gypsum fiber. The board junctions are achieved using a special sealant for gypsum fiber, supplied on request. For walls the recommended distance of the mounting points is 25 cm, while for ceilings and attics it is 20 cm.

<b>WIDTH</b>	1200 mm
<b>LENGTH</b>	2000 mm
<b>THICKNESS</b>	approx. 15 mm
<b>NOMINAL DENSITY</b>	1150±50 Kg/m <sup>3</sup>
<b>RESISTANCE FACTOR WATER VAPOUR DIFFUSION</b>	μ 13
<b>BRINNEL HARDNESS</b>	30 N/mm <sup>2</sup>
<b>THERMAL CONDUCTIVITY</b>	λ = 0,032 W/mK
<b>SOUND INSULATION VALUES</b>	Certified Rw = 65,0 dB
<b>REACTION TO FIRE</b>	Fermasound A2-s1, d0 EPDM B-s2, d0

<b>COMPOSITION</b>	Bilayer product composed by:
	<b>A</b> EPDM 2.5 mm da 5 Kg/m <sup>2</sup>
	<b>B</b> Gypsum fiber board 12.5 mm