

# FYBRO

## ACOUSTIC INSULATION FOR WALLS



AIRBORNE NOISE THERMAL ACOUSTIC INSULATION CONSISTING OF POLYESTER FIBRE PANELS



### ■ TECHNICAL SPECIFICATION

Wall airborne noise insulation in ..... mm thick made of polyester fibre; density 40 kg/m<sup>3</sup>. The panels dimensions are 1.00 m length, 0.60 m width.



### ■ CERTIFIED ACOUSTIC IMPROVEMENT

Thermal-acoustic insulation solution for the acoustic improvement of light or brick walls

### ■ FLEXIBILITY

Stable product moisture resisting, Fybro is unassailable by micro-organisms, molds and insects and it can be used alone or with the products of the MUSTWALL line

### ■ LAYING COSTS REDUCTION

The low weight and the dimensions compatible with the structures for plasterboard facilitate the laying operations containing the costs

### ■ TO BE USED WITH

Ideal for light walls

### ■ TECHNICAL DATA

Thickness	30-50 mm
Length	1,00 m
Width	0,60 m
Density	40 kg/m <sup>3</sup>

Reaction to fire	B s2, d0
Thermal conductivity coefficient $\lambda$	0,036 W/m K
Transmission Loss Rw	$\geq$ 54 dB

Wall composition - 125 mm thick  
 plasterboard double layer 25 mm, Fybro 30 double layer, air cavity in metal frame 15 mm, plasterboard double layer 25 mm



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# PLASTERBOARD WALL

## INSTALLATION INSTRUCTIONS FOR FYBRO

**1** DOUBLE WALL: lay the under wall strip in the dry floor. Build the wall.



**2** Apply in the first wall a layer of row mortar of about 1 cm thickness.



**3** Build the second wall with the same process of the first one and insert the panel in the cavity



**4** Realize the final plastering.



**1** PLASTERBOARD WALL: fix metal stud



**2** Fix the gypsum boards on one side. Insert the Fybro panel



**3** Cover the insulation layer by screwing the second gypsum boards on the metal studs



**4** Apply the plastic mesh tape in the gypsum boards jointing lines and grouting



SEE THE REFERENCES > VISIT THE WEBSITE

CONTACT THE TECHNICAL DEPARTMENT FOR MORE INFORMATION



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