

FYBRO

ACOUSTIC INSULATION FOR WALLS

PLASTERBOARD WALL

AIRBORNE NOISE THERMAL ACOUSTIC INSULATION CONSISTING OF POLYESTER FIBRE PANELS



■ TECHNICAL SPECIFICATION

Airborne noise insulation in mm thick made of polyester fibre; density 40 kg/m³. The panels dimensions are 1.20 m length, 0.60 m width.



■ CERTIFIED ACOUSTIC IMPROVEMENT

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

■ 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 or suspended ceilings

■ TECHNICAL DATA

Thickness	30-50 mm
Length	1,20 m
Width	0,60 m
Density	40 kg/m ³

Reaction to fire	B s2, d0
Thermal conductivity coefficient λ	0,036 W/m K
Transmission Loss Rw	≥ 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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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

