TRYWALL
ACOUSTIC INSULATION FOR WALLS

PLASTERBOARD WALL

HIGH PERFORMANCE AIRBORNE NOISE ACOUSTIC INSULATION CONSISTING OF A COUPLED PANEL COMPOSED OF POLYESTER FIBRE AND SBR AND EPDM RUBBER GRANULES

TECHNICAL SPECIFICATION

Wall airborne noise insulation in 48 mm thick pre-assembled panels made of a central panel rubber granules from End-of-Life Tyres (ELTs)and EPDM rubber granules thickness 8 mm, density 800 kg/m^3 , hot pressed with an polyurethane binder; on both external sides there are two panels in polyester fibre thickness 20 mm each, density 60 kg/m^3. The panels dimensions are: 1,2 m length and 0,6 m width.

CERTIFIED ACOUSTIC IMPROVEMENT

Different densities reduce airborne noise on all frequencies generated by different activities taking place in the same building

FLEXIBILITY

Self-supporting product that can be used in different types of light walls, either with or without supporting structure. Resistant to micro-organisms and moulds

LAYING COSTS REDUCTION

Compatible with the standard of plasterboard structures, it is easy to install, greatly speeding up the laying phases

TO BE USED WITH

Ideal solution to prevent problems due to airborne noise typically present in buildings where different uses coexist

TECHNICAL DATA

Thickness	48 mm
Length	1,20 m
Width	0,60 m
Superficial weight	8,80 kg/m²

Reaction to fire	E
Thermal conductivity coefficient λ	0,047 W/m K
Transmission Loss Rw	60 dB

Wall composition - 200 mm thick
plasterboard double layer 25 mm, air cavity in metal frame 50 mm, Trywall, air cavity in metal frame 50 mm, plasterboard double layer 25 mm

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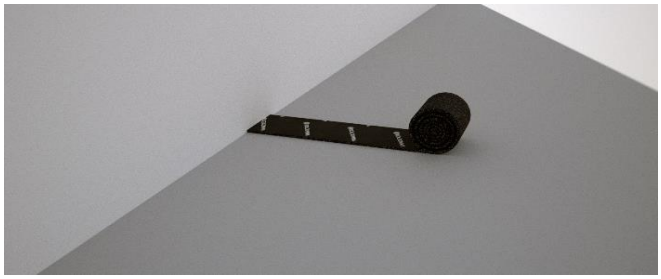
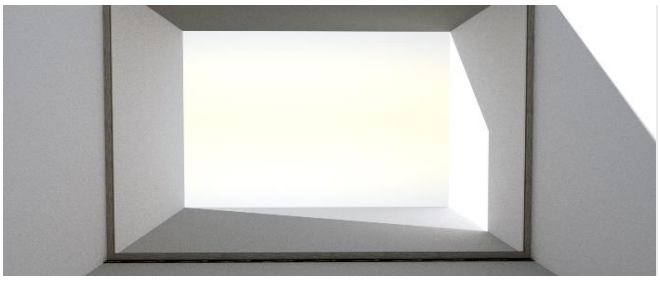
INSTALLATION INSTRUCTIONS FOR ACOUSTIC INSULATION FOR WALLS TRYWALL

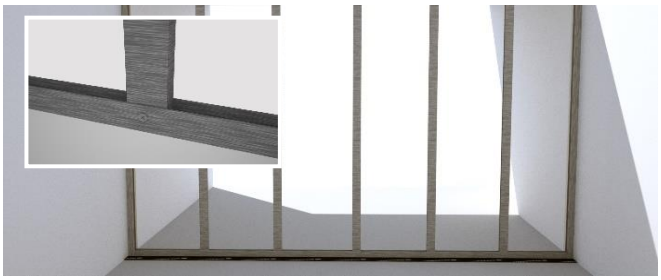
1 Lay the under wall strip in the dry floor.



2 Fix metal stud on the floor, wall and ceilings

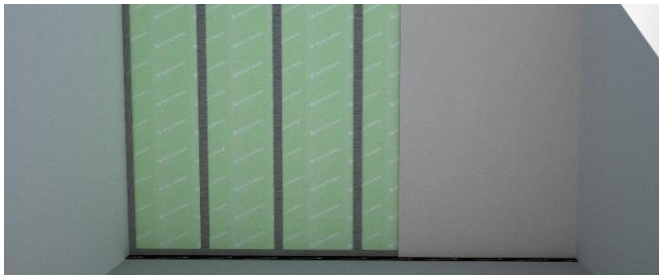


3 Fix the vertical metal studs on the ceiling and bottom guides by screwing

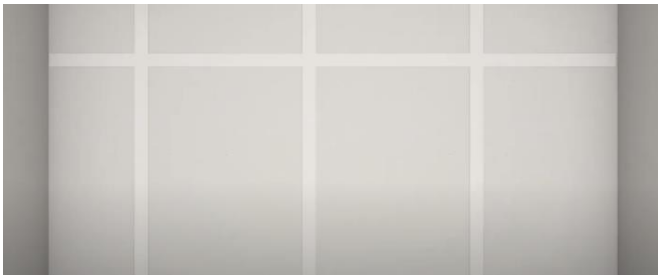


4 Fix the gypsum boards on one side.
Insert the Trywall panel

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



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



ACOUSTIC CERTIFICATES
Product acoustic certificates are available and allow to comply with the limits imposed by law

INSTALLATION TEST
Acoustic performances of the intervention can be tested on site by a competent technician

ACOUSTIC REPORT
Our technical staff is able to give you the proper support in all the project phases, supporting you in the identification of materials

LAYING ASSISTANCE
Thanks to our extensive commercial technicians network, we are at your disposal for the coordination of the first laying phases on site

SEE THE REFERENCES > VISIT THE WEBSITE

CONTACT THE TECHNICAL DEPARTMENT FOR MORE INFORMATION

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