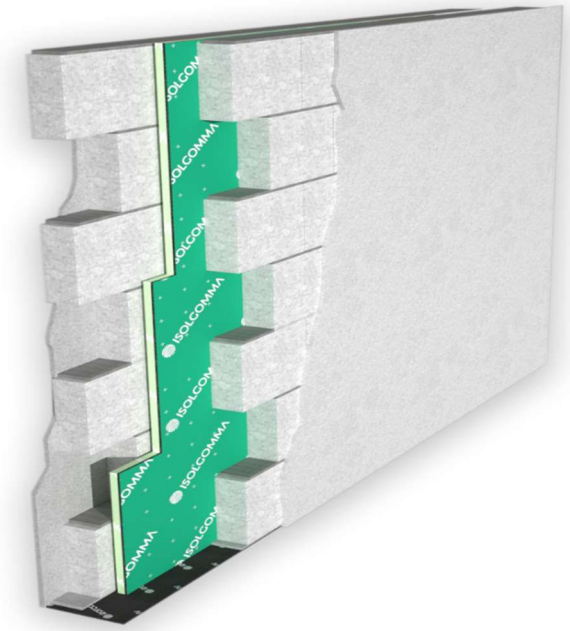
BIWALL
ACOUSTIC INSULATION FOR WALLS

DOUBLE WALL

AIRBORNE NOISE THERMAL ACOUSTIC INSULATION CONSISTING OF A POLYESTER FIBRE PANEL AND RUBBER GRANULES PANEL

TECHNICAL SPECIFICATION

Wall airborne noise insulation in ... mm thick pre-assembled panels made of a panel .... mm thickness rubber granules from End-of-Life Tyres (ELTs) and EPDM rubber granules anchored to a non-woven anti-stretch synthetic backing and hot pressed with polyurethane binder; a ... mm thick polyesther fibre panel with density 30 kg/m^3. The panels dimensions are 1,20 m length and 1 m width.



CERTIFIED ACOUSTIC IMPROVEMENT

Ideal for double walls acoustic insulation. The presence of the rubber panel gives mechanical stability to the product and excellent acoustic performance

FLEXIBILITY

Pre-assembled product moisture resistant, Biwall does not release dust. The elasticity of the product allows to adapt to different situations on site

LAYING COSTS REDUCTION

The panel size allows fast on-site management, easy dry application or with specific glue

TO BE USED WITH

Ideal for heavy walls cavities, acoustic insulation of technical cavediums

TECHNICAL DATA

Thickness	30-40-50 mm
Length	1,00 m
Width	1,20 m
Mass per unit area	≥ 8,6 kg/m^2

Reaction to fire	E
Thermal conductivity coefficient λ	≤ 0,051 W/m K
Transmission Loss Rw	≥ 55 dB

Wall composition - 270 mm thick
Plaster 15 mm, light aerated concrete block, Biwall 40, light aerated concrete block,plaster 15 mm

ISOLGOMMA SILENCE MAKERS

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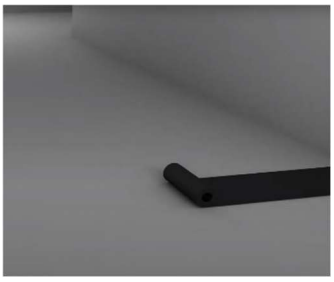
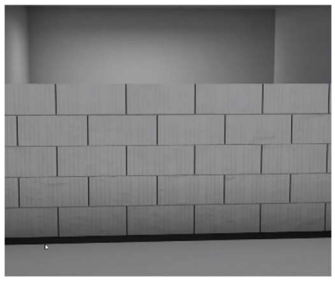
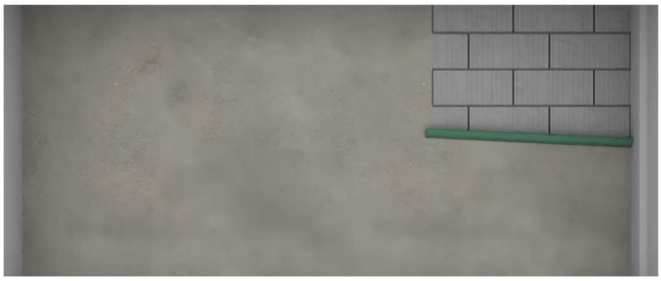
INSTALLATION INSTRUCTIONS FOR ACOUSTIC INSULATION FOR WALLS BIWALL

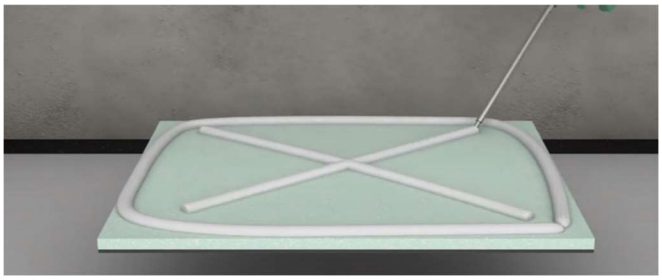
1 Lay the under wall strip in the dry floor and build the wall

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

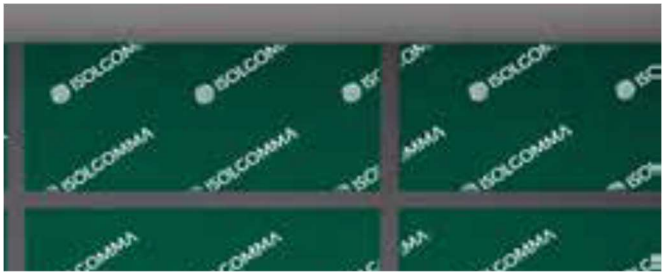


3 Lay points of a gypsum-based glue on the ground panel or use a low-expansion polyurethane glue

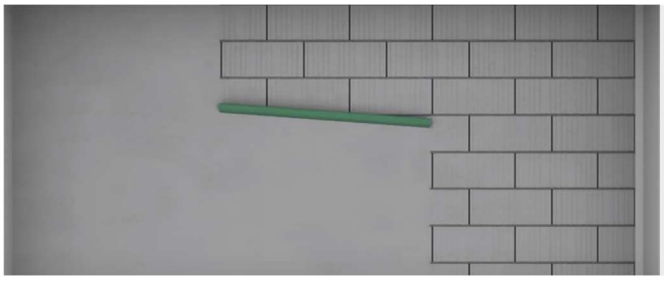


4 Apply the panel on the wall by forcing with homogeneous pressure

5 When all panels are fixed seal the panel joints with the Stik tape



6 Build the second wall. Realize the final plastering



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

ISOLGOMMA SILENCE MAKERS