

BIWALL 50/20

ACOUSTIC INSULATION FOR WALLS

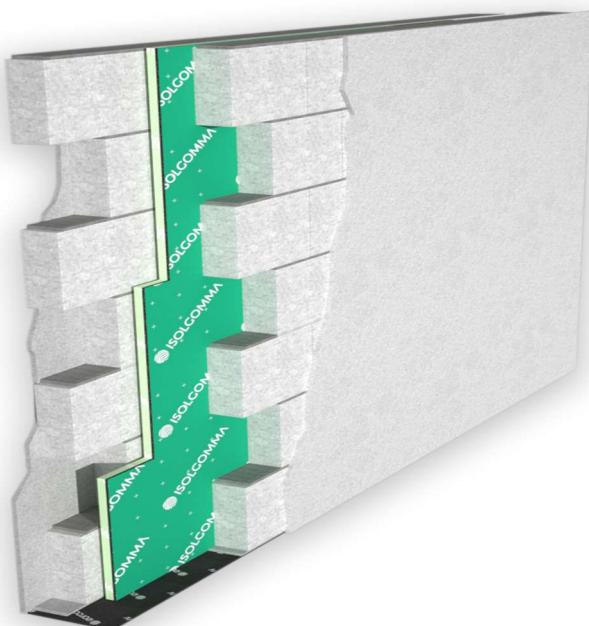


AIRBORNE NOISE THERMAL ACOUSTIC
INSULATION CONSISTING OF A POLYESTER
FIBRE PANEL AND A RUBBER GRANULES
PANEL



■ TECHNICAL SPECIFICATION

Wall airborne noise insulation in 50 mm thick pre-assembled panels made of a panel 20 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 30 mm thick polyesther fibre panel with density 30 kg/m³. The panels dimensions are 1,20 m length and 1 m width.



■ TECHNICAL DATA

Thickness	50 mm
Length	1,00 m
Width	1,20 m
Mass per unit area	14,9 kg/m ²

■ 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

Reaction to fire

E

Thermal conductivity coefficient λ

0,060 W/m K

Transmission Loss R_w

59 dB

Wall composition - 280 mm thick

Plaster 15 mm, 100 mm light aerated concrete block, Biwall 50/20, 100 mm light aerated concrete block, plaster 15 mm

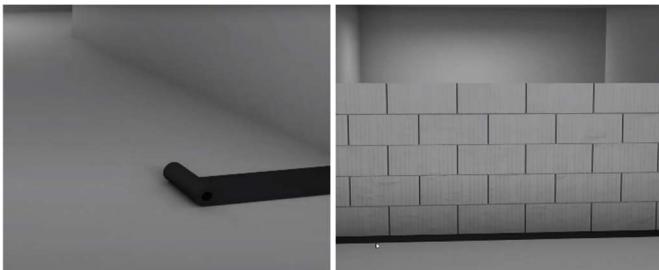
BIWALL 50/20

ACOUSTIC INSULATION FOR WALLS



INSTALLATION INSTRUCTIONS FOR ACOUSTIC INSULATION FOR WALLS BIWALL

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



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



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



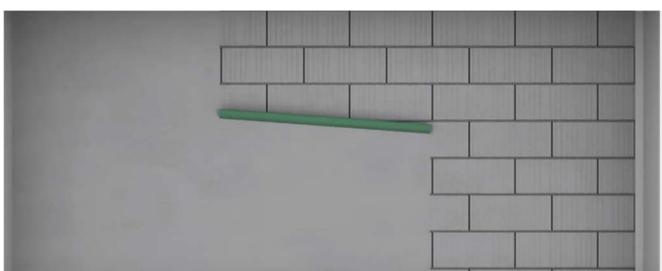
- 2** Apply in the first wall a layer of row mortar of about 1 cm thickness



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



- 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](#)