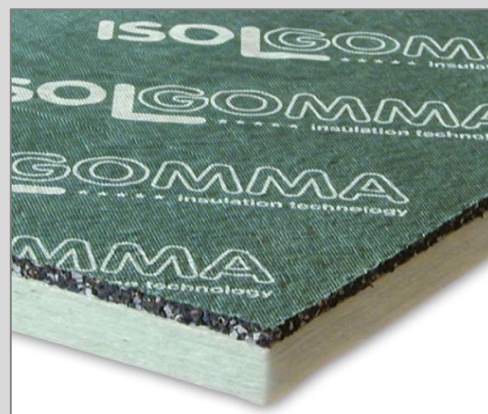


TECHNICAL SPECIFICATION

Airborne noise insulation in ... mm thick pre-assembled panels made of a panel mm thickness SBR (Stirene Butadiene Rubber) rubber granules and EPDM (Ethylene Propylene Diene Monomer) rubber granules anchored to a non-woven anti-stretch synthetic backing and hot pressed with polyurethane binder; a ... mm thick polyester fibre panel with density 30 kg/m³. The panels dimensions are 1,20 m length and 1 m width.



PHYSICAL CHARACTERISTICS	Standard	Unit	30	40	50	50/20	Tolerance
Thickness		mm	30	40	50	50	± 10%
Length	EN 822	m	1,20				± 1%
Width	EN 822	m	1,00				± 1%
Rubber panel thickness		mm	10			20	± 10%
Superficial weight	EN 1602	kg/m ²	8,60	8,90	9,20	14,90	± 10%
Colour			green				

ACOUSTIC CHARACTERISTICS	Standard	Unit	30	40	50	50/20	Tolerance
Wall composition - 250 mm thickness A: plaster 15 mm + hollow brick 80 mm + plaster 10 mm B: Biwall ... C: hollow brick 80 mm + plaster 15 mm	EN ISO 10140 EN ISO 717-1						
Transmission Loss Rw	EN ISO 12354-1	dB	52 ⁽¹⁾	54 ⁽¹⁾	55 ⁽¹⁾	56 ⁽¹⁾	
Wall composition - 285 mm thickness A: plaster 15 mm + hollow brick 120 mm + plaster 10 mm B: Biwall ... C: hollow brick 80 mm + plaster 15 mm	EN ISO 10140 EN ISO 717-1						
Transmission Loss Rw	EN ISO 12354-1	dB	56 ⁽²⁾	57 ⁽³⁾	58 ⁽¹⁾	59 ⁽¹⁾	

TECHNICAL CHARACTERISTICS	Standard	Unit	30	40	50	50/20	Tolerance
Thermal conductivity coefficient (λ)	EN 12667	W/m K	0,051	0,049	0,046	0,060	
Fire grade	EN 13501-1		F				

PACKING AND STORING

Each pallet is wrapped and protected with waterproof polythene film. Inside storage is recommended to avoid possible wet storing.

NOTES

⁽¹⁾ Value calculated according to EN 12354-1

⁽²⁾ Test Report n. RW_2018_P16 at Isolgomma Lab, Albettone (Italy)

⁽³⁾ Test Report n. RW_2018_P15 at Isolgomma Lab, Albettone (Italy)

The suggestions and technical information given above represent our knowledge regarding the properties and the product's uses. ISOLGOMMA reserve the right to modify or update this data without prior notice. This document is the property of ISOLGOMMA and all rights are therefore reserved.

INSTALLATION INSTRUCTIONS



Lay the under wall strip in the dry floor. Build the wall.



Build up the wall by caring to joint the blocks with mortar on both vertical and horizontal joints.



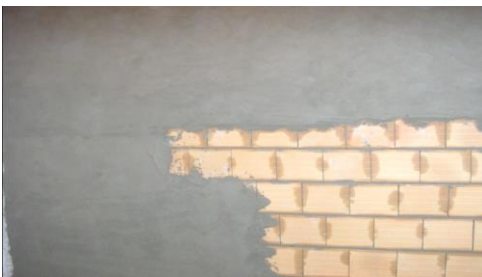
Apply in the first wall a layer of row mortar of about 1 cm thickness.



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



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



Realize the final plastering.

GLUE APPLICATION



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



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

NAILS APPLICATION



Place the panel on the right wall position and produce 5 holes per panel with the driller (one in the centre and one in the four corners)



Apply the five plastic nails with the hammer.