



TECHNICAL DATA

Mustwall AD Line

Sound insulation for walls

Product description and Technical Specification

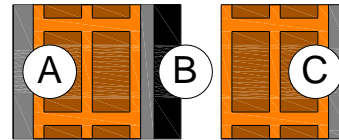
..... mm acoustic insulation supplied in panels and produced using fibres and granules of SBR (Stirene Butadiene Rubber) compacted using a polyurethane adhesive in a hot process. A black bituminous backing paper is applied on one side for added protection. The dimensions of each panel is 1,2 m long and 1 m wide with a density of 800 kg/m³.



- high acoustic insulation in reduced thickness
- easy to install
- high resistance to humidity and condensation

PHYSICAL CHARACTERISTICS	Standard	Unit	10 AD	15 AD	20 AD	30 AD	40 AD	Tolerance
Nominal thickness		mm	10	15	20	30	40	± 1
Length		m	1.20					± 0.01
Width		m	1.00					± 0.01
Density		kg/m ³	800					± 5%
Overall Superficial mass		kg/m ²	8.0	12.0	16.0	24.0	32.0	± 5%
Colour			black					

ACOUSTIC CHARACTERISTICS	Standard	Unit	10 AD	15 AD	20 AD	30 AD	40 AD
Wall composition - 260 mm thick							
A: plaster 15 mm, hollow brick 80 mm, plaster 10 mm							
B: Mustwall and air cavity							
C: hollow brick 80 mm, plaster 15 mm							
Transmission loss (Rw) ⁽¹⁾	EN 12354-1	dB	54	55	56	56.5	57



TECHNICAL CHARACTERISTICS	Standard	Unit	10 AD	15 AD	20 AD	30 AD	40 AD
Thermal conductivity coefficient (λ)	UNI EN 12667	W/m ² K	0.12				
Fire resistance	DIN 4102		B2				

PACKING AND STORING

Each pallet is wrapped and protected with a polythene film. Although the wrapping is waterproof, inside storage is recommended to avoid possible ingress by rain.

⁽¹⁾ Calculated value with EN 12354-1

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



TECHNICAL DATA

Mustwall AD Line

Sound insulation for walls

INSTALLATION INSTRUCTIONS



Lay the under wall strip in the dry floor before to 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

GLUE APPLICATION



Apply the glue on the panel by spreading it on dots.



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

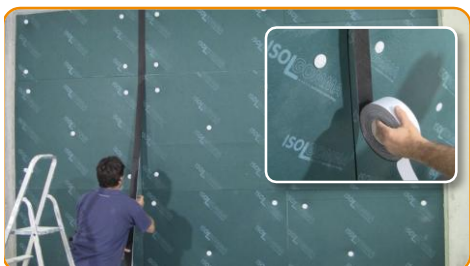
NAILS APPLICATION



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.



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



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



Realize the final plastering