



# TECHNICAL DATA

# Mustwall Line

## Sound insulation for walls

### Product description and Technical Specification

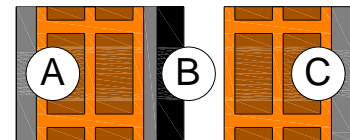
..... mm acoustic insulation supplied in panels and produced using fibres and granules of SBR (Stirene Butadiene Rubber) and EPDM (Ethylene Propylene Diene Monomer) compacted using a polyurethane adhesive in a hot process. A non-woven, non-stretch synthetic membrane is applied on both sides for added protection. The dimensions of each panel is 1,2 m long and 1 m wide with a density of ..... kg/m<sup>3</sup>.



- durable material
- easy to install
- high resistance to humidity and condensation

PHYSICAL CHARACTERISTICS	Standard	Unit	Mustwall 10	Mustwall 20	Tolerance
Nominal thickness		mm	10	20	± 1
Length		m	1.20		± 0.01
Width		m	1.00		± 0.01
Density		kg/m <sup>3</sup>	800	700	± 5%
Overall Superficial mass		kg/m <sup>2</sup>	8.0	14.0	± 5%
Colour			grey / black		

ACOUSTIC CHARACTERISTICS	Standard	Unit	Mustwall 10	Mustwall 20
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)	EN ISO 10140	dB	53 <sup>(1)</sup>	55 <sup>(2)</sup>



TECHNICAL CHARACTERISTICS	Standard	Unit	Mustwall 10	Mustwall 20
Thermal conductivity coefficient (λ)	EN 12667	W/m <sup>2</sup> K	0.109	
Fire resistance	2000/147/CE		F	

### 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.

<sup>(1)</sup> Test Report n. 3903/RP/05 of 2005; ITC of San Giuliano Milanese (MI)

<sup>(2)</sup> Test Report n. 4267/RP/06 of 2006; ITC of San Giuliano Milanese (MI)

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### 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.

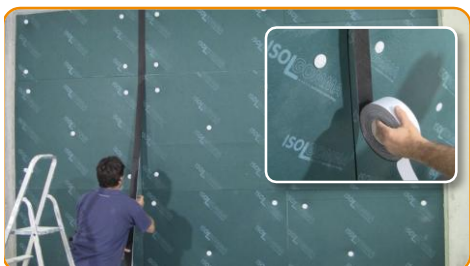
### NAILS APPLICATION



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