# TECHNICAL DATA MUSTWALL

## **TECHNICAL SPECIFICATION**

..... mm acoustic insulation panels, made of SBR (Stirene Butadiene Rubber) rubber granules and EPDM (Ethylene Propylene Diene Monomer) rubber granules compacted using a polyurethane binder in a hot process. A non-woven, non-stretch synthetic backing is applied on both sides for added protection. The panels dimensions are 1,2 m lenght and 1 m width with a density of ..... kg/m³.



PHYSICAL CHARACTERISTICS	Standard	Unit	<b>MUSTWALL 10</b>	MUSTWALL 2	<b>Tolerance</b>
Thickness		mm	10	20	± 10%
Length	EN 822	m	1,20		± 1%
Width	EN 822	m	1,00		± 1%
Density		kg/m³	800	700	± 10%
Superficial weight	EN 1602	kg/m²	8,00	14,00	± 10%
Colour			grey /		

ACOUSTIC CHARACTERISTICS	Standard	Unit	MUSTWALL 10	<b>MUSTWALL 20</b>	Tolerance
Wall composition - 260 mm thickness					
A: plaster 15 mm, hollow brick 80 mm, plaster 10 mm			•		— A
B: Mustwall and air cavity				O HORACE CONTRACTOR	— В
C: hollow brick 80 mm, plaster 15 mm					_
	EN ISO 10140				
	EN 130 10140				
Transmission Loss Rw	EN ISO 717-1	dB	53 <sup>(1)</sup>	55 <sup>(2)</sup>	

TECHNICAL CHARACTERISTICS	Standard	Unit	<b>MUSTWALL 10</b>	<b>MUSTWALL 20</b>	Tolerance
Thermal conductivity coefficient (λ)	EN 12667	W/m K	0,109		
Fire grade	EN 13501-1		F	=	

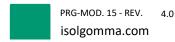
# **PACKING AND STORING**

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

#### NOTES

03/09/19

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.





<sup>&</sup>lt;sup>(1)</sup> Test Report n. 3903/RP/05 at ITC, San Giuliano Milanese (Italy)

<sup>(2)</sup> Test Report n. 4267/RP/06 at ITC, San Giuliano Milanese (Italy)

## **INSTALLATION INSTRUCTIONS - DOUBLE WALL**



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.



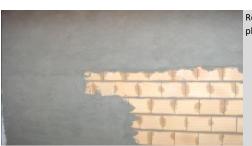
Apply in the first wall a layer of row mortar of about 1 cm thickness.



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



Realize the final plastering.

#### **GLUE APPLICATION**



Lay points of a gypsumbased 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.

