

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 length and 1 m width with a density of kg/m³.



PHYSICAL CHARACTERISTICS	Standard	Unit	MUSTWALL 10	MUSTWALL 20	Tolerance
Thickness		mm	10	20	± 10%
Length	EN 822	m	1,20		± 1%
Width	EN 822	m	1,00		± 1%
Density		kg/m ³	800	700	± 10%
Superficial weight	EN 1602	kg/m ²	8,00	14,00	± 10%
Colour			grey / black		

ACOUSTIC CHARACTERISTICS	Standard	Unit	MUSTWALL 10	MUSTWALL 20	Tolerance
<i>Wall composition - 260 mm thickness</i> 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 EN ISO 717-1	dB	53 ⁽¹⁾	55 ⁽²⁾	

TECHNICAL CHARACTERISTICS	Standard	Unit	MUSTWALL 10	MUSTWALL 20	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

⁽¹⁾ Test Report n. 3903/RP/05 at ITC, San Giuliano Milanese (Italy)

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

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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 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.