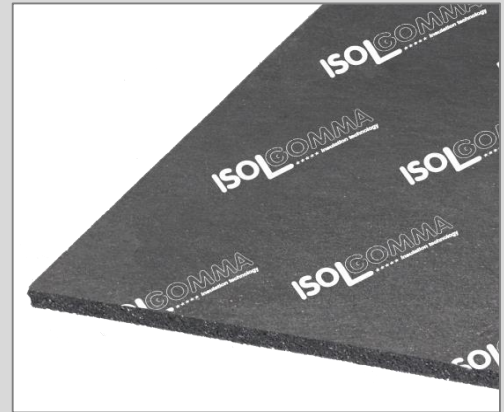


**TECHNICAL SPECIFICATION**

..... mm acoustic insulation panels, made of SBR (Stirene Butadiene Rubber) granules compacted using a polyurethane binder in a hot process. A black non-woven backing, non-stretch synthetic is applied on one side for added protection. The panels dimensions are 1,2 m length and 1 m width with a density of 700 kg/m<sup>3</sup>.



PHYSICAL CHARACTERISTICS	Standard	Unit	10 G	20 G	Tolerance
Thickness		mm	10	20	± 10%
Length	EN 822	m	1,20		± 1%
Width	EN 822	m	1,00		± 1%
Density		kg/m <sup>3</sup>	700		± 10%
Superficial weight	EN 1602	kg/m <sup>2</sup>	7,00	14,00	± 10%
Colour			black		

ACOUSTIC CHARACTERISTICS	Standard	Unit	10 G	20 G	Tolerance
<i>Wall composition - 260 mm thick</i> <i>A: plaster 15 mm, hollow brick 80 mm, plaster 10 mm</i> <i>B: Mustwall and air cavity</i> <i>C: hollow brick 80 mm, plaster 15 mm</i>					
Transmission Loss Rw	EN ISO 12354-1	dB	54 <sup>(1)</sup>	56 <sup>(1)</sup>	

TECHNICAL CHARACTERISTICS	Standard	Unit	10 G	20 G	Tolerance
Thermal conductivity coefficient (λ)	EN 12667	W/m K	0,120		
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**

<sup>(1)</sup> Calculated value according to EN ISO 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.

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



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.