

POLYCELL 30 BLUESTAR

3 mm

ADVANTAGES

Great value for money
Constant density over the entire
surface of the material

DESCRIPTION

Resilient insulation layer made up of polyethylene foam with uniform density over the entire surface of 30 kg/m³, available in thicknesses of 3, 5 and 10 mm. It is particularly suitable for heavy floors and guarantees excellent stability of the slab at an extremely low cost.

SIZE

Thickness	mm	3 mm
Format	Roll	1,5 x 100 m
Packaging	Pallet	150,0 m ²

TECHNICAL INFORMATION

Noise reduction	$\Delta L_{n,w}$	25 dB	UNI EN ISO 140/7 UNI EN ISO 717/2
Dynamic rigidity	s'	101 MN/m ³	UNI EN 29052-1
Resonant frequency	f_r	112,29 Hz	
Compressibility	mm	0,055 W/mK	ASTM C-177
Density	ρ	30 Kg/m ³	ISO 845:2006

ACOUSTIC DATA

L'nt,0,w (dB) Test on bare floor	L'nt,w (dB) Please try screed + acoustic mantle			ΔLnt,w (dB) Improvement due to the system screed + acoustic mantle		
	Screed 4 cm thick	Screed 6 cm thick	Screed 8 cm thick	Screed 4 cm thick	Screed 6 cm thick	Screed 8 cm thick
	85	62	60	57	23	25

SPECIFICATION TEXT

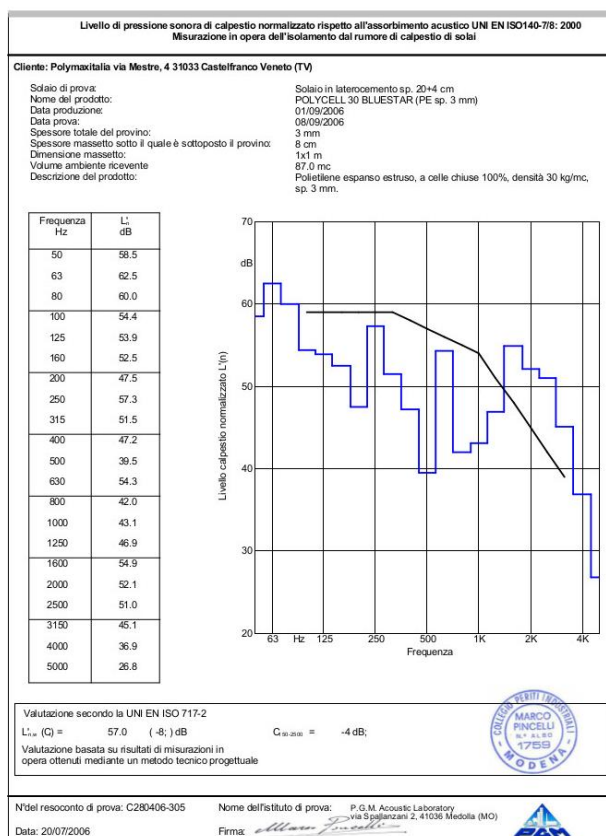
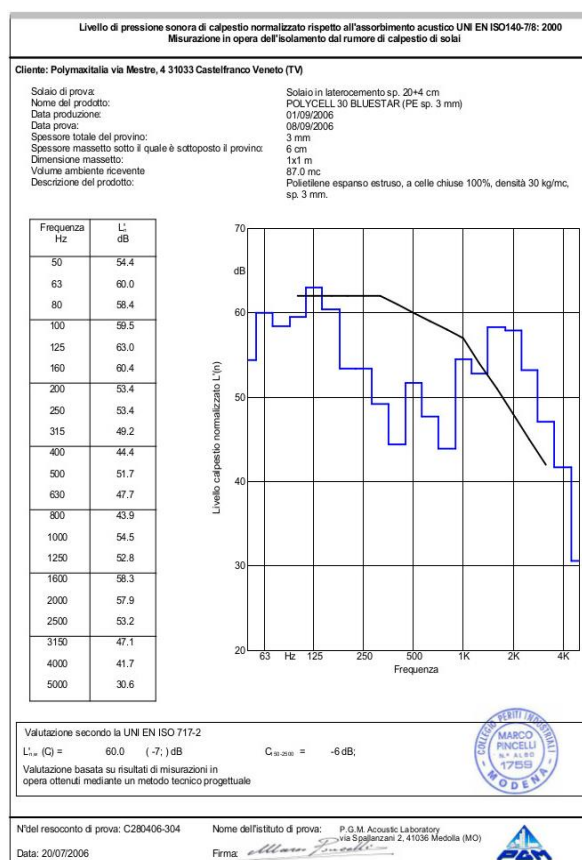
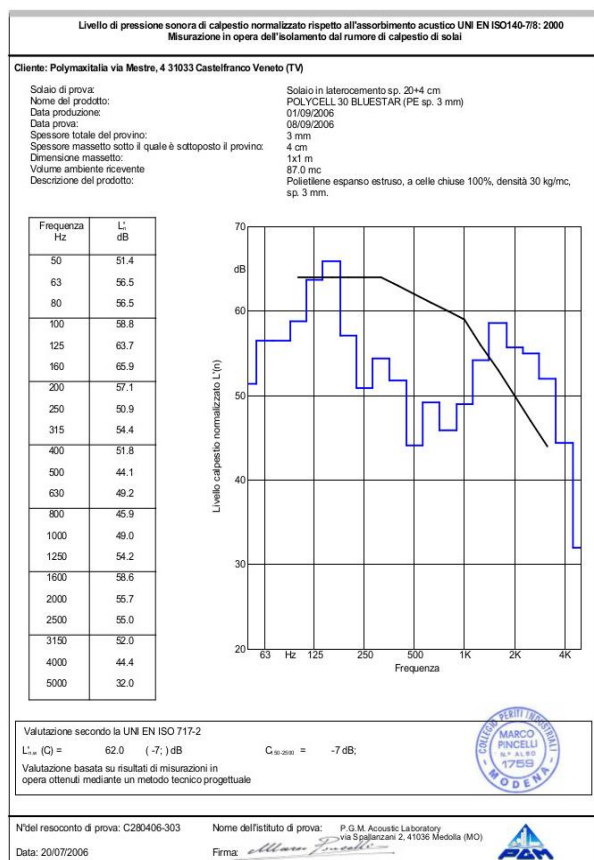
Floor footfall noise insulation is obtained by laying of the 3 mm thick POLYCELL 30 BLUESTAR acoustic underlay, made of a polyethylene foam layer with 100% closed cells and a controlled density of 30 kg/m³, blue colour.

This product is supplied in rolls of 1.50 x 100 m and provides a footfall noise reduction level of $\Delta L_{nw} = 25$ dB (according to UNI EN ISO 140/7 and UNI EN ISO 717/2), a Dynamic Rigidity of $s' = 101$ MN/m³ (according to UNI EN 29052-1).

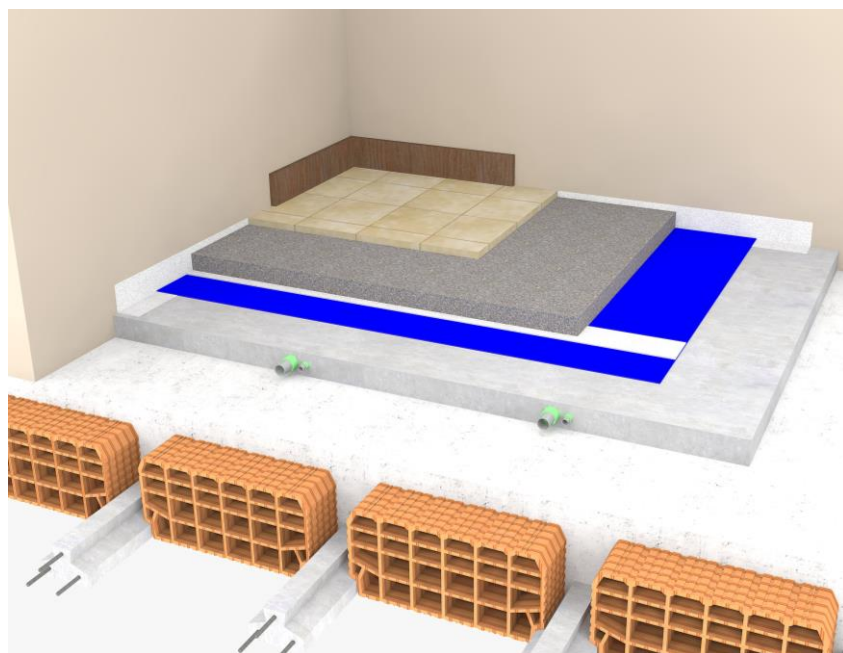
This product must be laid carefully by matching the edges and sealing all the joints using the ROTOCELL AD adhesive strip.

Detachment from the walls is ensured by means of continuous fastening along the entire perimeter of the rooms with the application of the special SUPERFASCIA AD perimeter strip, which should protrude from the level of the finished floor.

PAGES EXTRACTED FROM ORIGINAL CERTIFICATES



EXAMPLE LAYING



- 1 Wood / ceramic flooring
- 2 Sand-concrete slab
- 3 **POLYCELL 30 BLUESTAR**
3 mm acoustic insulation layer
- 4 Slab lightened to cover plant-engineering systems
- 5 Perimeter isolation strip

ACCESSORIES FOR CORRECT LAYING



ROTOCELL AD

It is necessary to seal all the joints of the various acoustic products, both for floors and walls.



SUPERFASCIA AD

It is suitable for separating the screed and the floor from vertical partitions and must be laid in a continuous manner without interruptions.



FASCIA POLYBAND AD/N

It is suitable for separating the screed and the floor from vertical partitions. This strip is particularly suitable for applications with underfloor heating.

ATTENTION: This document is not a specific. Will be care of users establish if the product is appropriate for the intended use.

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