

SILENT GIPS

THERMAL-ACOUSTIC DECOUPLING TAPE FOR PLASTERBOARD STRUCTURES

DECOUPLING

It allows complete acoustic decoupling of the plasterboard wall, preventing the transmission of vibrations to structural elements. Also tested at the University of Bolzano.

DOUBLE-SIDED ADHESIVE

Installation with the metal frame is fast and easy, without the need for additional adhesives.



CODES AND DIMENSIONS

CODE	B	liner	L	s	B	liner	L	s	
	[mm]	[mm]	[m]	[mm]	[in]	[in]	[ft]	[in]	
SILENTGIPS	100	12-76-12	30	3,3	3 7/8"	1/2"-3"-1/2"	98' 5 1/8"	0.13	1

TECHNICAL DATA

Properties	standard	value	USC conversion
Thickness	-	3,3 mm	0.13 in
Density ρ	-	150 kg/m ³	9.36 lb/ft ³
Dynamic stiffness s'	EN 29052	60 MN/m ³	-
Crushing (load 6,5 kPa - 135 psf)	ISO 7214	0,3 mm	0.01 in
Thermal conductivity λ	EN 12667	0,04 W/m·K	0.023 BTU/(h·ft ² ·°F)
Thermal resistance R_t	ISO 6946	0,08 m ² K/W	-
Resistance to temperature	-	-20 / +80 °C	-4 / +176 °F



CLOSED CELL

Thanks to the grid of closed cell polyethylene, the product will not permanently deform and remains effective over time.

VERSATILE

The pre-cut removable film allows the tape to be adapted to different plasterboard wall configurations.