

ThermoLiving® 3B



THERMOLIVING®3B is a floor insulation material providing a significant reduction in the footstep noise. It consists of three layers of air bubble polyethylene externally covered by two metallized films.

Its particular structure, together with the special materials used, gives the product great mechanical strength, as shown by the test results in the data table.

ThermoLiving® 3B technical data

FEATURE	SYMBOLS	UNITS	VALUE	INSTITUTIONS	SPECIFICATION	NOTES
Thickness	s	mm	11	-	-	± 1 mm
Weight	P	g/m ²	600	-	-	± 10 g/m ²
Resistance to compressive stress	-	kPa	1164,6	Università di Perugia Dip. di Ing. Civile e ambientale sede di TR	UNI EN ISO 3386-1: 2000	-
Resistance to tensile stress	-	N	210,4	Università di Perugia Dip. di Ing. Civile e ambientale sede di TR	UNI EN ISO 527-1:1997	-
Steam diffusion resistance	-	-	∞	-	-	-
Thermal Resistance	R	m ² K/W	0,244	CSI	EN 12667:2001	-
Dynamic rigidity	s'	MN/m ³	40	Istituto Giordano	UNI EN 29052-1: 1993	-
Attenuation of trading noise	ΔL _w	dB	20	Istituto Giordano	EN ISO 140-8: 1997 EN ISO 717-2: 1996	-
Attenuation of trading noise	ΔL _w	dB	28	University of Perugia	EN ISO 140-8: 1997 EN ISO 717-2: 1996	-
Measurement of footsteps	L' _{n,w}	dB	52	Professional acoustic technician	UNI EN ISO 140-7: 2000	-
Durability	-	-	Over 10 years	University of Perugia	-	-