

Product specification
ErgoAcoustic Blue
impact dampening foam for fitness floorings

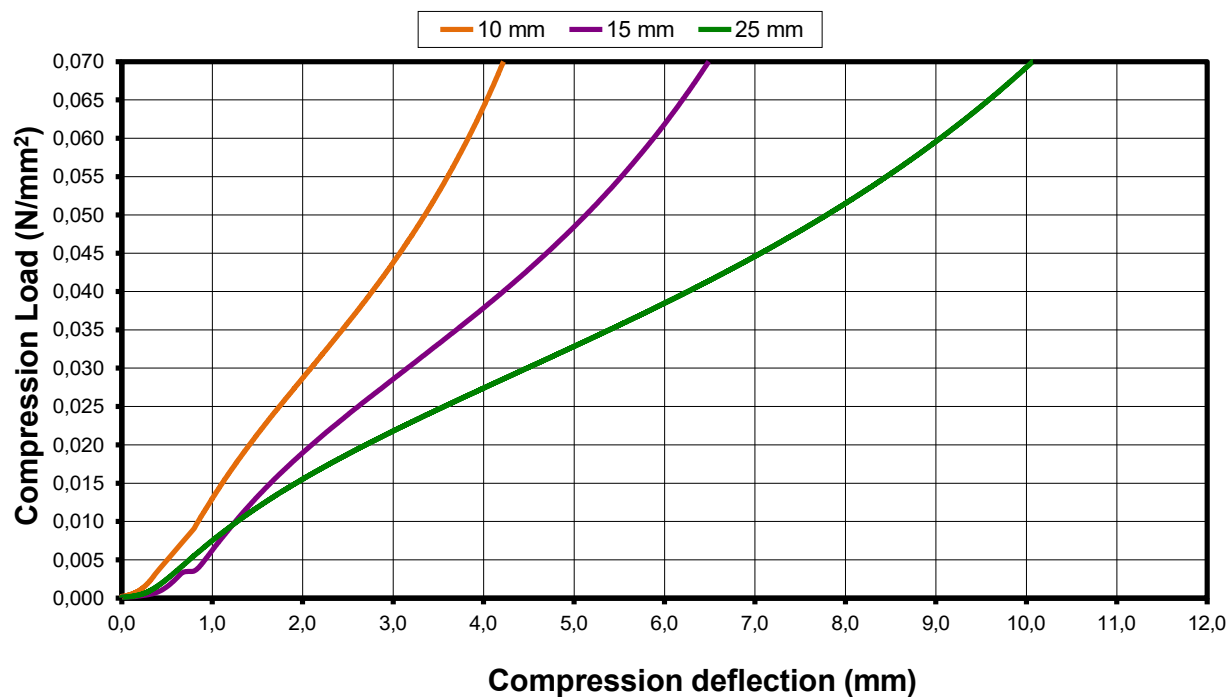
	Test Method	Unit	ErgoAcoustic Blue
Color (core material)			Blue
Standard dimensions	Length x width	mm	2000 x 1000
<i>(Other dim./thickness by request)</i>	Thickness	mm	10 -100
Surface (other by request)			nonwoven / nonwoven
Max. static load	Internal	N/mm ²	0,011
Max. total load	Internal	N/mm ²	0,070
Compression set	DIN EN ISO 1856 (50%, 23°, 70h, 30 min. after	%	< 5
Tensile strength	DIN EN ISO 1798	N/mm ²	0,15
E-modulus	DIN EN ISO 1798	N/mm ²	0,38
Elongation at break	DIN EN ISO 1798	%	> 70
Hardness	Internal	Asker C	15 - 20
Angle tear	DIN 53515	N/mm	> 2
Compression hardness	DIN ISO 3386	25% 40% 50% 65% N/mm ²	0,045
			0,075
			0,125
			0,33
Pendulum rebound	Internal	%	> 50
Electrical conductivity		Mohm.cm	> 1000
Thermal conductivity		W/(m.K)	0,04 - 0,07
Water absorption	Volume swell 7 days	%	< 20
Fire properties	DIN 4102	Class	B2
	EN ISO 13501-1		E
Temperature	Operating temp.	C°	-30 +60
Static load range		N/mm ²	0,001 - 0,010



ErgoFloor®

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Load Deflection Curve



Natural Frequency

