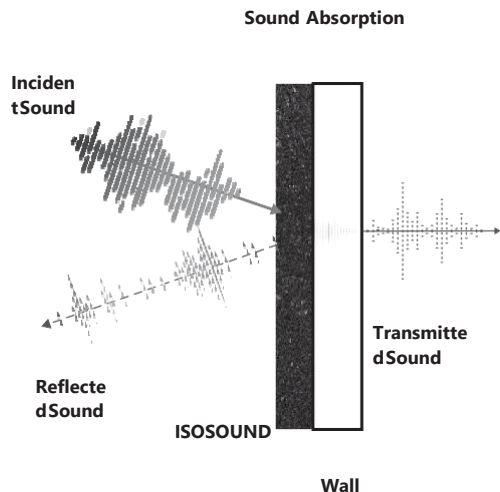


ISOSOUND®

ISOSOUND is a new sound absorption and sound insulation product of high performance, specially designed to meet the most demanding requirements for sound isolation. The material is composed of open - cell flexible elastomeric foam based on synthetic rubber.



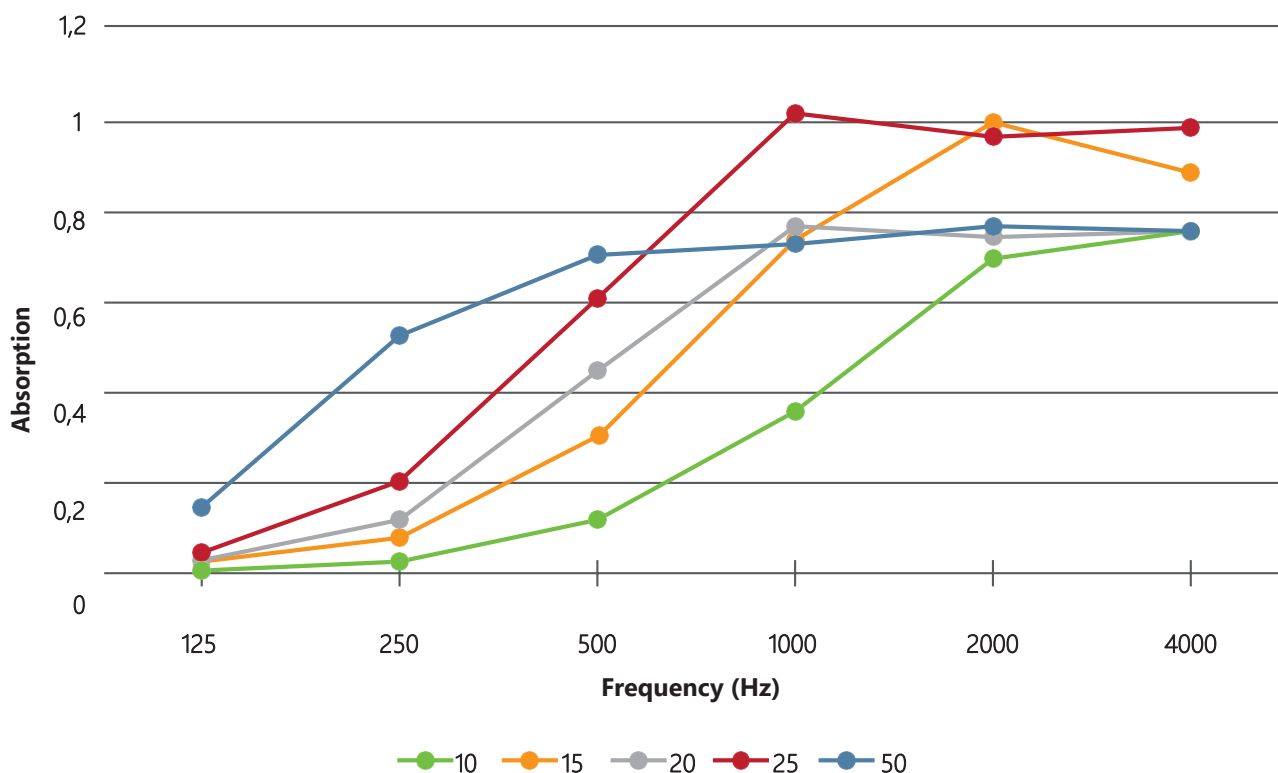
Properties	Value 150 kgr/m³	Value 250 kgr/m³	TEST Method	Lab/ TEST Reports
Density (kgr/m³)	≥ 100	250 (-30/ +50)	EN 13470, EN 1602	self monitoring
Weighted Sound Reduction Index - $R_w(C;Ctr)$	40(-2; -7) dB	43(-1; -5) dB	DIN EN ISO 140 - 3: 2005 EN ISO 717 - 1: 2006	Aristotle University of Thessaloniki
Sound Absorption	Absorption coefficient up to 0.98		EN 354	self monitoring
Sound Reduction (wastewater system)	12.6-18.5 dB		DIN EN 14366	SGS
Thermal Conductivity (λ)	20°C - 0.044 W/ mk	20°C - 0.048 W/ mk	EN 12667	self monitoring
Operating Temperatures (°C)	-40°C to +85°C		Annex B EN 14304 EN 14706	self monitoring
Fire Rating (FR)	Euroclass E, does not spread flames, self - extinguishing, does not drip		Classification according EN 13501-1	self monitoring
Limiting Oxygen Index (LOI)	32%		EN ISO 4589-1	self monitoring
Tensile Strength (Kpa)	75 - 85 Kpa	180 - 200 Kpa	ISO 1798	self monitoring
Elongation at Break	40%	50%	ISO 1798	self monitoring
Health Aspects	Dust and Fiber Free CFC, HFC, HCFC Free			self monitoring
Indicative Thicknesses & Dimensions	6mm to 25mm & 1m x 1m			self monitoring
Weighted Sound Absorption Coefficient a_w	Depending on material thickness		EN ISO 11654	Fraunhofer

Frequency (Hz)	125	250	500	1000	2000	4000
Thickness (mm)						
10	0,01	0,03	0,12	0,36	0,7	0,76
15	0,03	0,08	0,3	0,74	1	0,89
20	0,03	0,12	0,45	0,77	0,75	0,76
25	0,05	0,21	0,61	1,02	0,97	0,99
50	0,15	0,53	0,71	0,73	0,77	0,76
Thickness	10mm	15mm	20mm	25mm	50mm	
a_w2	0,20(H)	0,3(MH)	0,40(MH)	0,50(MH)	0,75	
Class	E	D	D	D	C	
NRC	0,3	0,55	0,6	0,7	0,75	

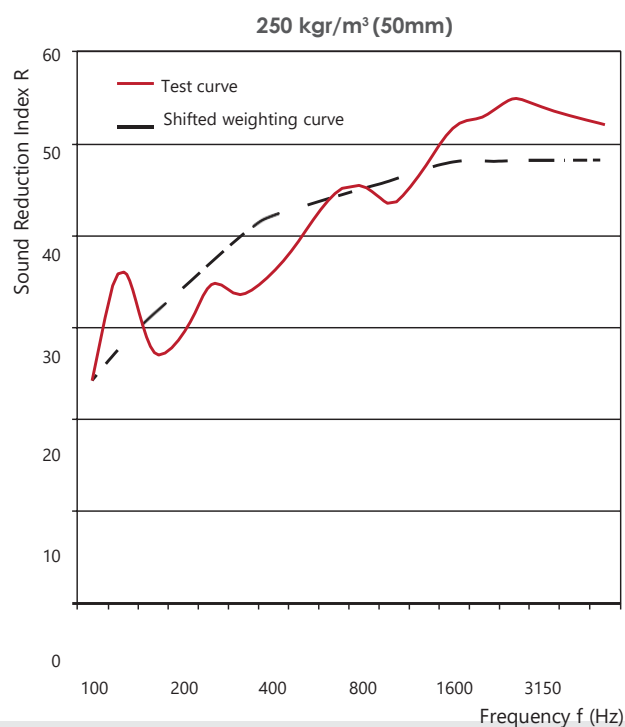
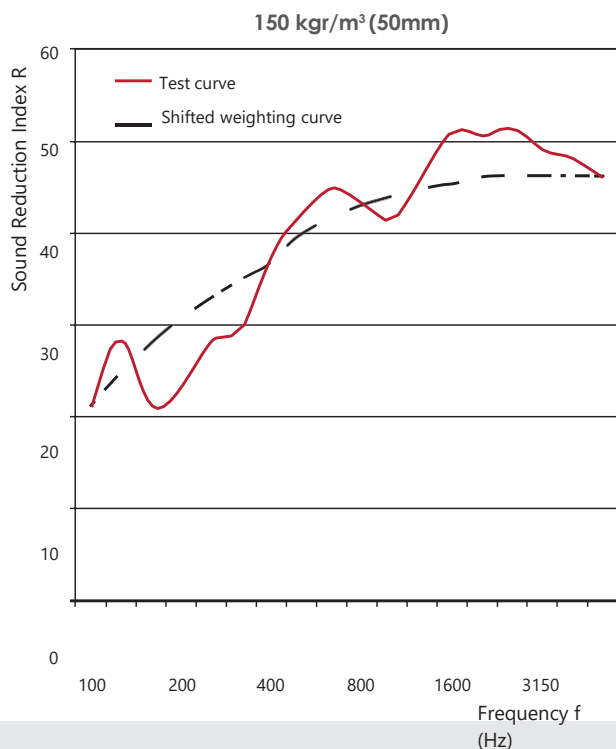
The mentioned values are these which have been measured in our laboratory, under typical conditions. They can be modified without prior notice. You are kindly requested to assert their validity before any special use.

Sound Absorption

Absorption coefficient acc. to EN 354 for ISOSOUND



Sound Reduction (Test Reports from Aristotle University of Thessaloniki)



ISOPIPE®

Storage & Self-Healing Storage Material shall be stored indoors, in clean and dry conditions, away from direct sunlight.
Self-adhesive tapes, self-adhesive sheets, self-adhesive tubes, self-adhesive rolls: 1 year

S.A.

GREECE
Head Office:
 Nafpliou & Daskalogianni
 144 52 Metamorfofi Attikis
 T.: +30 210 28 28 603
 F.: +30 210 28 19 210
 E.: export@isopipe.gr

Plant:
 73rd km Nat. Road Athens - Lamia

341 00 Ritsona Halkida
 T.: +30 22620 89 800
 F.: +30 22620 72 006
 E.: export@isopipe.gr

SPAIN
Barcelona:
 Transloan Cataluña S.L. c/ Menorca
 43-45, 08192, Sant Quirze del Vallès
 Barcelona

Madrid:
 Alman Global Logistics (AGL) c/ Francisco
 Rabal 9 Modulo 2 P I Ginesa, 28806 Alcalá
 de Henares Madrid

www.isopipe.eu

T.: +34 93 879 1195
F.: +34 93 879 1313
E.: pedidos@isopipe.es

UNITED KINGDOM**Head Office:**

178 Seven Sisters
RoadLondon N7
7PX
United Kingdom

Warehouse:

Airfield Industrial Estate Warboys,
Huntingdon
Cambridgeshire
PE28 2SHUnited
Kingdom

T: +30 210 28 28 603
E: orders@isopipe.eu