



SINCE
1950

TRADITIONAL QUALITY NONWOVENS

ENVIZOL TRAIN AL

Thermally and acoustically absorbing board

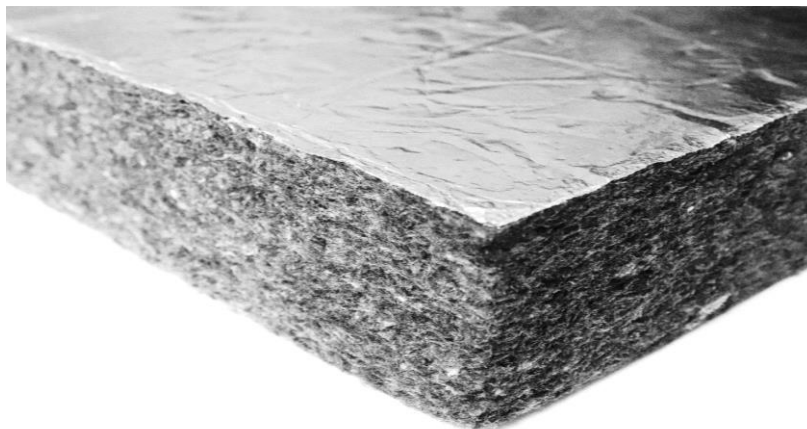
OH60



STANDARD
100



PG035 217573
OETI



- Characteristics:** Nonwoven thermobonded textile laminated with AL foil for thermal insulation and acoustic applications
- Material content:** 90 % Recycled polymer fibers
10 % PES Bico bonding fibres
AL / Aluminium foii 30 µm
- Color:** Grey
- Fire classification:** ČSN EN 45545-2+A1 (HL1, HL2 a HL3)

Function:



Use:



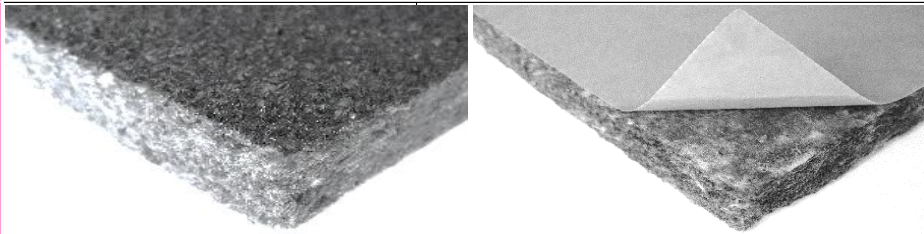
Material specification
Date of issue: 20.3.2023

Quality Management System ISO 9001, ISO 14001, ISO 45001 and ISO 50001

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Technical parameters

		ENVIZOL TRAIN	TL10	Tolerance
PHYSICAL PROPERTIES				
Mass per unit area / EN ISO 9864		g/m ²	600	± 15 %
Density		kg/m ³	60	± 15 %
Thickness 0,5 kPa / EN ISO 9073-2		mm	10	± 15 %
SOUND INSULATION PROPERTIES				
Acoustic absorption / ČSN ISO 10534-1	Attachment No.1			
THERMAL INSULATION PROPERTIES				
Thermal conductivity - laboratory humidity / ČSN EN 12667		W/m.K	0,035	± 20 %
FIRE CLASSIFICATION				
ČSN EN 45545-2+A1		R1, R7 a R17	HL3	
Critical heat flux at extinguishment ≥ 20 kW/m ² / ISO 5658-2 / ECE Regulation No. 118		M2 a M3 6.2.2, 6.2.3, 6.2.4	X	
OPTIONAL SURFACE				
Type:				
Finishing SA 90° peel strength / EN 1939/PSTC101 After 24 H	Steel		28	
	ABS	N/25 mm	27	
	PP		5	
DIMENSIONS				
Delivered format	deska			
Width	cm		240	± 2 cm
Length	cm		100	± 2 cm
PACKAGING AND STORAGE				
Storage	In covered, clean and dry spaces			

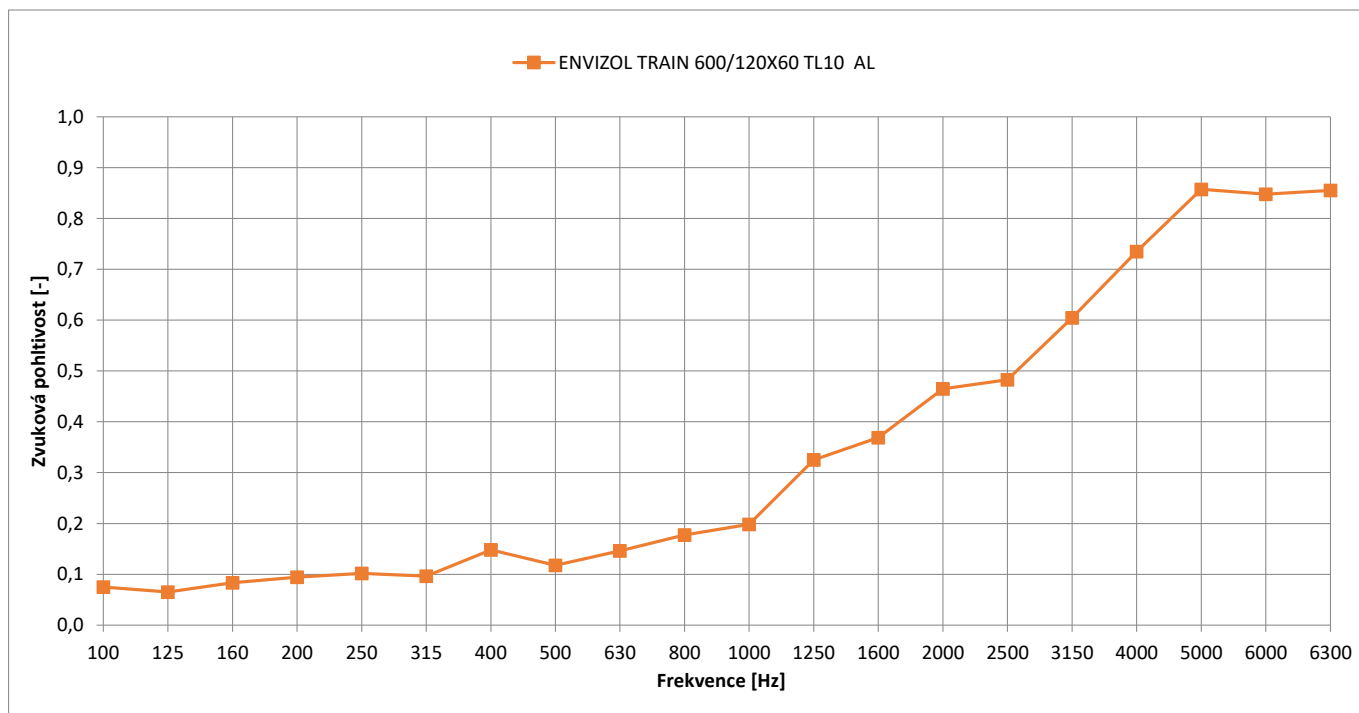
The data was measured at the laboratories of RETEX a.s. / CZ, VUT Brno / CZ, Building Testing and Research Institute Bratislava / SK and CZ testing institute s.r.o. / CZ.

All dates are for informative purpose only - this Specification does not substitute Declaration of conformity

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Acoustic absorption / ČSN ISO 10534-1



f [Hz]	600/10
100	0,56
125	1,45
160	0,6
200	0,61
250	1,8
315	0,5
400	0,96
500	1,45
630	0,72
800	1,05
1000	0,51
1250	2,4
1600	0,52
2000	0,2
2500	0,28
3150	0,195
4000	0,06
5000	0,38
6000	0,14
6300	0,055