



SINCE  
**1950**

# TRADITIONAL QUALITY NONWOVENS

## ENVIZOL TB OH 26

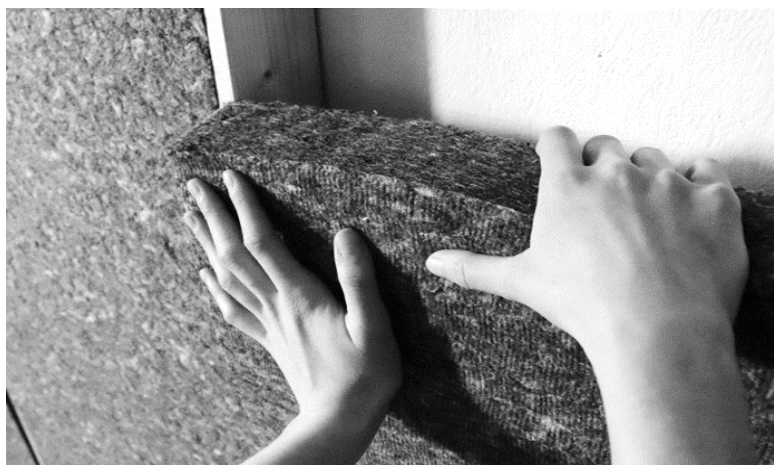
Thermal and acoustic insulation board



STANDARD  
100



PG035 217573  
OETI



**Characteristics:** Nonwoven thermally bonded textile, made by airlay technology, for thermal and acoustic insulation in construction industry.

**Material content:** Recycled polyester fibers and binder polyester bicomponent fibers.

**Color:** Grey

**Properties:**



**Regular Use:** Thermal and acoustic insulation for the exterior load-bearing walls of prefabricated buildings, internal partitions, trusses and ceiling structures. Interior acoustic and thermal insulation for suspended ceilings and lamellar design panels.



Material Specification

Date of Issue: 1.12.2024

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



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Thermal and acoustic insulation board

### Technical parameters

	ENVIZOL TB OH 26	TL 40	TL 75	TL 100	Tolerance
<b>PHYSICAL PROPERTIES</b>					
Mass per unit area [m <sub>s</sub> ] / EN ISO 9864	g/m <sup>2</sup>	1100	1950	2600	±15
Density [ρ] / EN 1602	kg/m <sup>3</sup>	26			±15
Thickness / ČSN 823	mm	40	75	100	-5% +10%
<b>SOUND INSULATION PROPERTIES</b>					
Acoustic absorption [α] / ČSN ISO 10534-1	Attachment No. 1				
<b>THERMAL INSULATION PROPERTIES</b>					
Thermal conductivity [λ] / ČSN EN 12667	W/(m.K)	0,348			
<b>WATER VAPOR PERMEABILITY</b>					
Diffusion resistance factor [μ] / EN 12086			1,8	1,5	
<b>WATER ABSORPTION</b>					
Short-term water absorption [W] / EN1609 (ČSN EN ISO 29767)	kg/m <sup>2</sup>	< 0,43	< 0,37	< 0,19	
<b>FIRE CLASSIFICATION</b>					
Reaction to fire / EN 13501-1		E			
<b>DIMENSIONS</b>					
Delivered format		board			
Width	cm	60			±1%
Length	cm	120			±3%
<b>PACKAGING AND STORAGE</b>					
Packing	The boards are stored on a non-returnable wooden pallet. The pallet is wrapped with stretch film.				
Pallet dimension [dxšxv]	cm	120x120x250			
Storage	In covered, clean and dry spaces				

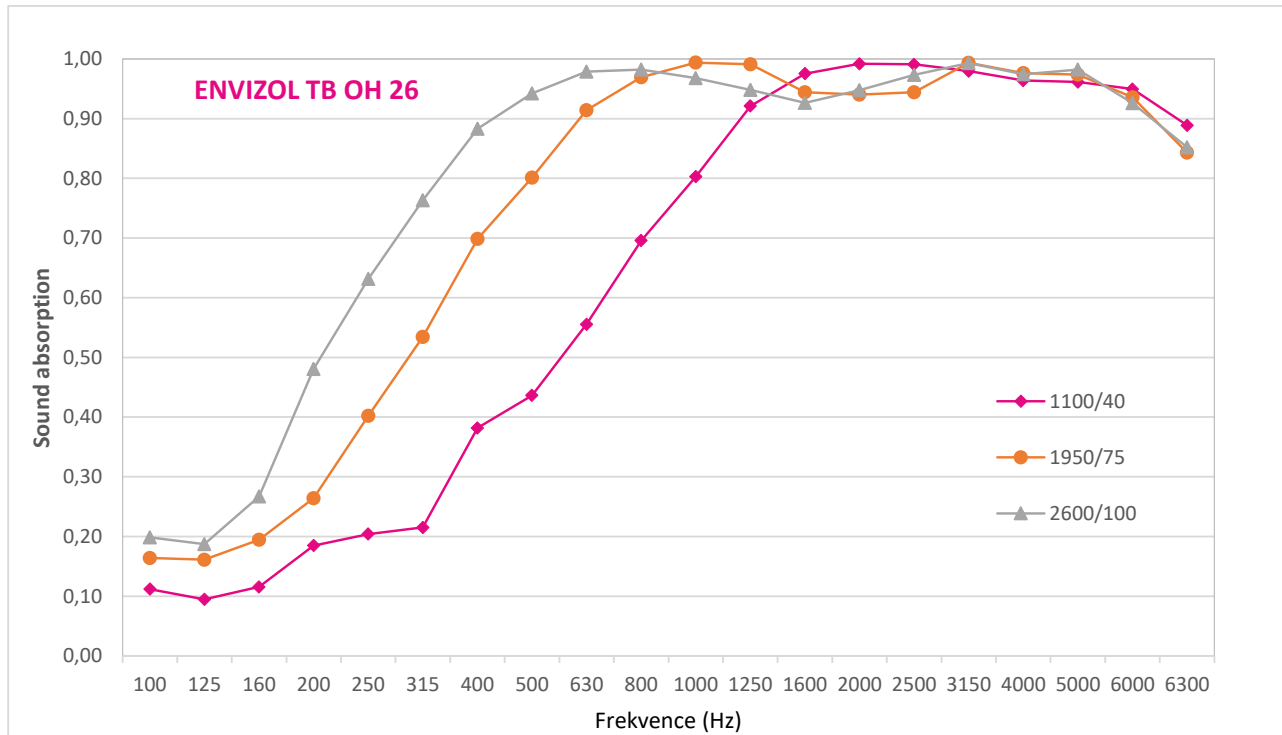
The data were measured in the laboratories of RETEX a.s. , BUT Brno and CSI Prague in 2020

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

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### Sound absorption / ČSN ISO 10534-1



f [Hz]	1100/40	1950/75	2600/100
100	0,11	0,16	0,20
125	0,09	0,16	0,19
160	0,12	0,19	0,27
200	0,18	0,26	0,48
250	0,20	0,40	0,63
315	0,22	0,53	0,76
400	0,38	0,70	0,88
500	0,44	0,80	0,94
630	0,56	0,91	0,98
800	0,70	0,97	0,98
1000	0,80	0,99	0,97
1250	0,92	0,99	0,95
1600	0,98	0,94	0,93
2000	0,99	0,94	0,95
2500	0,99	0,94	0,97
3150	0,98	0,99	0,99
4000	0,96	0,98	0,97
5000	0,96	0,97	0,98
6000	0,95	0,94	0,93
6300	0,89	0,84	0,85