

TECHNICAL DATA SHEET

TECWOOL

Soundproofing panel

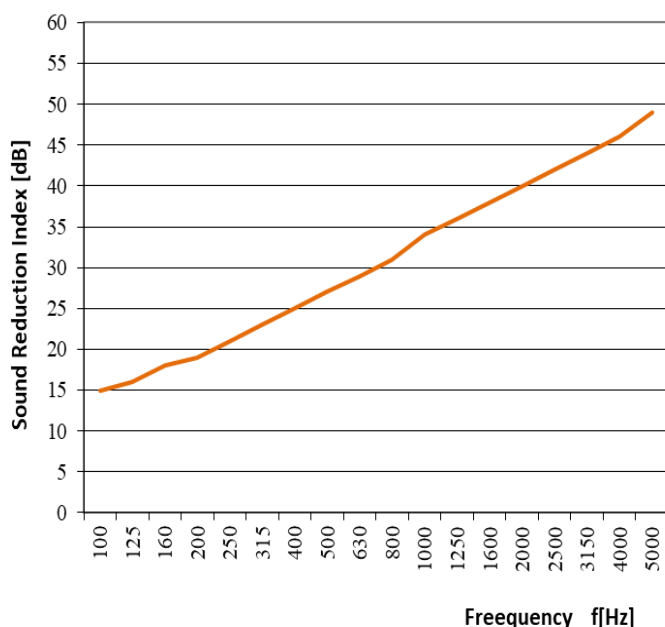
Product description and Technical Specification:

Tecwool is a new fire resistant product for soundproofing and acoustics for domestic and industrial use. Thanks to the combination of different layers the Tecwool panel achieve much higher levels of sound reduction compared to the traditional materials with this thickness. Highly visco-elastic polyvinyl works as soundproofing and sound absorbing membrane. The front cover is made of black glass veil to seal the wool and to give the material better acoustic performance.

- Visco-elastic polyvinyl and glass wool
- Installation: on walls and ceilings through fasten with dowels
- Sound reduction index $R_w=31$ dB



PHYSICAL CHARACTERISTICS	Unit	Value	Tolerance
Thickness	mm	27.5	±2%
Length	mm	1000	±2%
Width	mm	600	±2%
Weight	kg	3.65	±2%



Sound reduction index R_w					
f [Hz]	dB	f [Hz]	dB	f [Hz]	dB
100	15	400	25	1600	38
125	16	500	27	2000	40
160	18	630	29	2500	42
200	19	800	31	3150	44
250	21	1000	34	4000	46
315	23	1250	36	5000	49

TECHNICAL CHARACTERISTICS	Standard	Unit	Value	Tolerance
Class reaction to fire			A2	
Sound absorption coefficient α			0.8	
Weight panels		kg/m ²	6.08	

PACKING AND STORING

On pallets 120 x 80 x 60cm, 26 pieces per pallet, weight 94,9kg stretched with folium