

TECHNICAL DATA SHEET

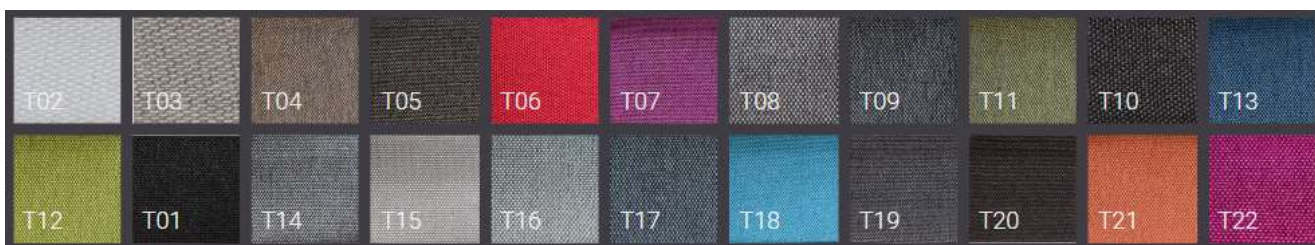
Decibel RESONATOR panel

Product Description and Technical Specification

Decibel RESONATOR panel is designed to absorb low frequencies in the 125Hz range. Standard dimensions 1200x600mm and 600x600mm with thickness of 150mm. The panel is made from a wooden body with a sound absorbing filling and fine tuned membrane covered with a textile finish that can be produced in 22 different colors.

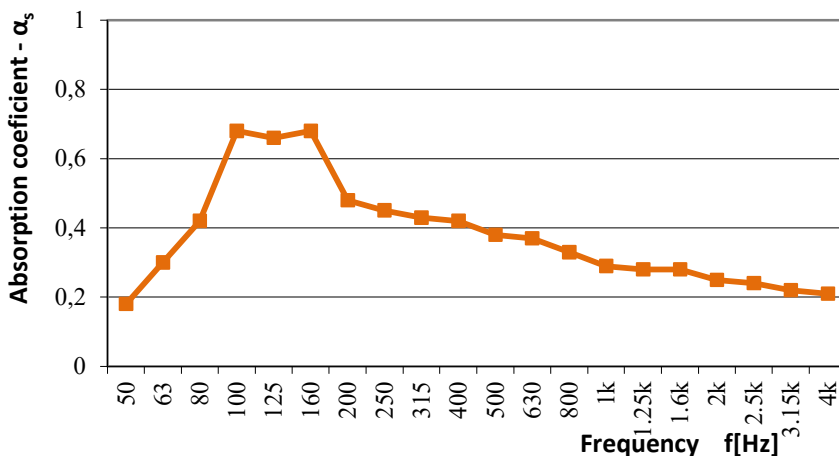


- Esthetic and clean look.
- Easy to clean and maintain.
- Easy to install on flat surfaces



PHYSICAL CHARACTERISTICS	Unit	Value	Tolerance
Thickness	mm	150	±5%
Length	mm	1200 / 600	±2%
Width	mm	600	±2%
Weight (1200x600)	kg	21,0	±10%
Weight (600x600)	kg	11,0	±10%
Class reaction to fire (DIN 142) B1 s1 d0		B1, s1-d0	

USED MATERIALS	Thickness, mm	Porosity, %	Weight, kg/m ²
MDF sheet	10	-	5.7
Polysound membrane	3	-	5.0
Acoustic filling	15	0.95 – 0.98	0.6
Sound absorption material	110	0.90 – 0.94	3.2



PACKING & STORAGE

The panels are packed on pallet with dimensions 1250mm x 1250mm with maximum height of 1600mm. Indoor storage is recommended for the products, protected from rain.