

TECHNOSONUS BP PREMIUM

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TNVED 6806100008

PRODUCT DESCRIPTION

TechnoSonus BP Premium is a sound absorbing basalt fiber based board lined with glass cloth. The main differences between the material and its analogues are the optimally selected density (60 kg/m³) and high mechanical strength. The unique production technology developed by the TechnoSonus specialists involves random arrangement of fibers and through-board-thickness homogeneity of the structure, resulting in improvement of soundproofing performance of any framework structure.

COMPOSITION

- mineral (rock) wool fibers;
- synthetic binder;
- glass cloth.

SIZE AND WEIGHT

Modifications	Length, mm	Width, mm	Thickness, mm	Board Area, m ²	Package Quantity, pcs.	Package Area, m ²
TechnoSonus BP Premium	1 000	600	50	0,6	4	2,4

SPECIFICATIONS

Parameter	TechnoSonus BP Premium
Acoustic noise reduction coefficient, NRC	0,95
Density, kg/m ³	60
Fire hazard class	KM0
Short term water absorption by partial immersion, min, kg/m ²	1,0
Thermal conductivity coefficient (λ), W/ m °C	0,035

AIRBORNE SOUND INSULATION INDEX VALUES OF CONSTRUCTIONS

Construction: 100 mm gas-concrete block wall, 50 mm thick sidewall framing

Characteristics	TechnoSonus BP Premium
Single-layer sheeting with soundproofing gypsum board AcousticGyps, Rw, dB	56
Double-layer sheeting with soundproofing gypsum board AcousticGyps, Rw, dB	59

APPLICATION

As a noise absorbing layer in framed partitions, for soundproofing of walls and ceilings.

FEATURES

- improved soundproofing performance due to lining with glass cloth;
- eco-friendly material, approved for use in children's rooms and health care centers.

CERTIFICATES

1. RAACS NIISPh VIBROACOUSTICS Test Certificate.
2. Fire Safety Compliance Certificate. Fire hazard class: KM0.

PACKAGING AND TRANSPORTATION

Modifications	Packing Type	Package Size, (LxWxH), mm	Package Weight, kg	Package Volume, m ³	82 m ³ Euro Trailer Loading Capacity, packs
TechnoSonus BP Premium	pack	1000x600x210	7,7	0,126	600

The material should be loaded manually without pallets for space saving, so the cargo is required to be crated in the trailer. At customer's request the material may be palletized, but then the cargo capacity would be reduced.

