

TECHNOSONUS BP STANDARD

TU 5767-003 -81552342-2013

TNVED 6806100008

PRODUCT DESCRIPTION

TechnoSonus BP Standard is a sound-absorbing basalt fiber board. The competitive advantages of this product are the special manufacturing technology without use of phenol-formaldehyde resins and optimally selected density (50-55 kg/m³) resulting in high soundproofing performance.

COMPOSITION

- mineral (rock) wool fibers;
- bio binder.

SIZE AND WEIGHT

Modifications	Length, mm	Width, mm	Thickness, mm	Board Area, m ²	Package Quantity, pcs.	Package Area, m ²
TechnoSonus BP Standard	1 200	600	50	0,6	4	2,88

SPECIFICATIONS

Parameter	TechnoSonus BP Standard
Acoustic noise reduction coefficient, NRC	0,9
Density, kg/m ³	50(±5)
Fire hazard class	KM0
Compressive stress at 10% relative deformation, kPa, min	1,0
Thermal conductivity coefficient (λ), W/ m °C	0,035
Organic content, mass %, max	2,5
Short term water absorption, min	1
Short term water absorption by partial immersion, min, kg/m ²	3
Comparative vapour permeability	1
Water absorption by volume, %, max	1,5

AIRBORNE SOUND INSULATION INDEX VALUES OF CONSTRUCTIONS

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

Characteristics	TechnoSonus BP Standard
Single-layer sheeting with soundproofing gypsum board AcousticGyps, Rw, dB	54
Double-layer sheeting with soundproofing gypsum board AcousticGyps, Rw, dB	57

APPLICATION

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

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 Standard	pack	1200x600x200	7,5	0,144	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.



FEATURES

- no phenol-formaldehyde binders in the composition.

CERTIFICATES

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