

## SONOPLAT

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TNVED 4823908597



### PRODUCT DESCRIPTION

Sonoplat is a thin sound-insulating panel made of wood-fiber pressed sheet with a corrugated structure, filled with fine quartz stuffer.

### COMPOSITION

- multi-ply cellulose corrugated carcass,
- fine quartz filler.

### PRODUCED MODIFICATIONS

| Modifications          | Length, mm | Width, mm | Thickness, mm | Area, m <sup>2</sup> | Weight, kg |
|------------------------|------------|-----------|---------------|----------------------|------------|
| Sonoplat Standard      | 1 200      | 600       | 12            | 0,72                 | 13         |
| Sonoplat Standard Plus | 1 200      | 800       | 12            | 0,96                 | 17         |

### TECHNICAL SPECIFICATIONS

| Specifications                                       | Sonoplat Standard | Sonoplat Standard Plus |
|--|-------------------|------------------------|
| Airborne noise insulation index, $R_w$ , dB          | 38                | 38                     |
| Thermal conductivity coefficient $\lambda$ , W/(m·K) | 0,17              | 0,17                   |
| Surface density, kg/m <sup>2</sup>                   | 18,8              | 18,8                   |
| Static load, t/m <sup>2</sup>                        | <65               | <65                    |

### FIELDS OF APPLICATION

Used as a laying in wall, floor, and ceiling sound-insulating structures for increasing their effectiveness in premises of all types.

### CERTIFICATES

1. Sanitary and epidemiological certificate. Recommended for use in any residential and non-residential premises.
2. Certificate of compliance with fire safety requirements. Combustibility group: G4.
3. VIBROACOUSTICS NIISF RAASN test certificate: frame partitions with Sonoplat sound-insulating panels are recommended for use in buildings of any type.

### PACKING AND TRANSPORTATION NORMS

| Modifications          | Packing type | Panels per pallet, pcs. | Packing with pallet dimensions, (LxWxH), mm | Packing weight, kg | Packing volume, m <sup>3</sup> | Loading norm for 82 m <sup>3</sup> eurotruck, panels | Loading norm for 82 m <sup>3</sup> eurotruck, pallets |
|------------------------|--------------|-------------------------|---|--------------------|--------------------------------|--|---|
| Sonoplat Standard      | pallet       | 50                      | 1200x600x750                                | 650                | 0,54                           | 1600   | 32  |
| Sonoplat Standard Plus | pallet       | 50                      | 1200x800x750                                | 850                | 0,72                           | 1150   | 23  |

Side or rear Eurotruck loading by a forklift.