

Soundac® SoundPanel

Sound insulating sandwich panel for floors and walls

Soundac® SoundPanel is a sandwich panel composed of two layers Okoume and a sound insulating core of barrier mats, cork, cork rubber or rubber. The panels are well suited for application in yacht or bus building as wall or floor panels.

Soundac® SoundPanel gives a significant improvement of the airborne sound insulation in comparison to other massive products. The coincidence dip that is found in most light weight and stiff panels can be reduced to a minimum.

Description

Soundac® SoundPanel is a plywood sandwich panel most commonly made of Okoume and a sound insulating core of barrier mat, cork, cork rubber or rubber. The total thickness (from 12 up to 30 mm) comes from the chosen stiffness and required noise reduction.

Characteristics

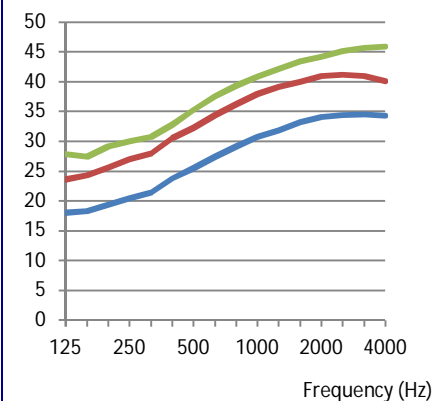
- Type material
 - Weight
 - Thickness
 - Possible cores
 - Glue
- Sandwich of multiplex and core
 Approx. 14 to 26 kg/m²
 Approx. 12 to 30 mm
 Cork ca. 220 kg/m³
 Cork rubber ca. 550 kg/m³
 Rubber ca. 1,000 kg/m³
 Barrier mat ca. 2,500 kg/m³
 Water resistant

Properties

- Sound insulating
- Plywood
- Wall or floor panel
- Broad range

Airborne sound insulation (dB)

NEN-EN-ISO 140-3



Type	Core	R _w
4-4-4	Cork rubber	30
6-4-6	IS80HH	37
6-6-6	IS140HH	40