



IsoBoat® Combination Material

Last Changed
01-12-2008

| Properties | Standard (Test method) | Unit | Value |
|----------------------------------|------------------------|-------------------|-------------|
| Thickness | | mm | 33 |
| Weight | | kg/m ² | 7 |
| Temperature - range (continuous) | | °C | -30 to +100 |
| Thermal conductivity at 10°C | ISO 2581 | w/mk | 0,04 |
| Flammability | FMVSS 302 | (mm/min) | <100 |

Miscellaneous:

Product Description:

- Aluminiums coated PET foil with normal thickness 12 my.
- Polyetherfoam with normal density 28 kg/m³, thickness 20mm
- Mineral filled PVC Sound barrier with normal area weight 6 kg/m³, thickness 2,4 mm
- Polyetherfoam with normal density 28 kg/m³, thickness 10mm

DNV Type approved certificate, which certify that the material is: Sound insulation material, att. Maritime use. The material is found to comply with: ISO 9094-1, ISO 9004-2, DNV Tentative Rules for Certification and Classification of Boats.

Typical application:

Combination material for both sound absorption as well as sound insulation. Used for instance in engine rooms in yachts, mashines or constructions which generates air-borne sound

Mounting:

By about 20 °C - and on VERY clean surfaces (Be absolutely sure to remove all grease and oil on the surface). When the material is mounted upside down, it is recommendable to secure the application with bands or screws.

Material measurements:

App. 1000 x 2000 mm sheets, and also converted parts (water cut)

The information provided in this data sheet is in good faith. No liability is, however, accepted for errors and omission and in no circumstances shall B6 Akustik be liable in damages for any loss or injury arising directly or as a consequence of the publication of this data sheet.