ABSORPTION

ABC-FOAM – sound absorbing foam



ABCFOAM	Thickness	Weight
ABC FR 25	25 mm	0,625 kg/m²
ABC FR 40	40 mm	1,0 kg/m²
ABC FR 50	50 mm	1,25 kg/m²

Description

ABCfoam ABC FR is a closed cell absorbing foam bases on polyethylene.
ABCfoam has a white or black colour.

Characteristics

- Very good sound absorbing properties in lower and middle high frequencies
- Low weight measured following ISO 845-2006, density 25 kg/m³
- Flame retardant in accordance with FMVS 302, DIN 75200, ISO 3795 fire retardation < 100 mm/min, DIN 4102 following B1, DIN 5510-2, S3, SR2 and FED ≤ 1 (25mm black), EN 45545-02 2013: R7, HL3
- Thermal insulation value by -5°C 0,082 W/mK following ISO 8301
- Low water absorption: RH > 95% after 28 days < 4%
- Resistant to chemicals, dirty repellent, offer resistance against corrosion of metal plates
- No culture medium for mildew and bacteria
- Easily to clean
- Temperature resistant -50 °C to 100 °C continue

Application

Machine building, engine rooms, automotive- and train industry, agricultural machinery,
Ventilation- and air conditioning systems

Processing

Easy to cut with a (Stanley) knife, scissor or to saw with a band saw
Surface must be clean, dry and dust and grease free
Glue with TEROKAL-2444 contact adhesive (ca. 300 gr/m²) or assemble with stick clips, screws, clips etc.

Sizes

Plates of 1200 x 2400 mm
For weights and thicknesses see table above
Dye-cut size parts available

ABSORPTION VALUE

Absorption material : ABCfoam ABC FR
Measured according to : DIN en ISO 354

