

ABSORPTION

CALDIFOAM Q FR – sound absorbing foam



CALDIFOAM	Thickness	Weight
Q FR 30	30 mm	0,96 kg/m ²
Q FR 40	40 mm	1,28 kg/m ²
Q FR 50	50 mm	1,60 kg/m ²
Q FR 60	60 mm	1,92 kg/m ²

Description

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

Characteristics

- Very good sound absorbing properties in lower and middle high frequencies
- Low weight measured following ASTM D 3575, density 32 kg/m³
- Flame retardant in accordance with DIN 54837, FMVSS 302, UL94, ASTM E 84, UNI 9174, UL 1975, DIN 4102
- Thermal insulation value
 - by 23°C 0,094 W/mK
 - by -5°C 0,075 W/mK
- Easy to cut with a (Stanley) knife, scissor or to saw with a band saw
- Resistant to chemicals, dirty repellent, offer resistance against corrosion of metal plates
- Good noise absorption qualities in humid surroundings
- Temperature resistant -40 °C to 100 °C continue

Application

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

Finishing

AIRISOL 50 ALU foil, AIRISOL flex glass fiber tissue, AIRISOL flex glass fiber cloth, AIRISOL white woven glass fiber cloth, etc. in combination and/or sandwich towards Choice

Processing

Simply to assemble with adhesive, screws and clips
Also to use as an acoustic panel
Easily to clean

Sizes

Plates of 1000 x 1400 mm
1000 x 2800 mm
For weights and thicknesses see table above
Dye-cut size parts available

ABSORPTION VALUE

Absorption material : Caldifoam Q FR
 Measured according to : DIN en ISO 354

