

ABSORPTION

FLAMEGUARD - noise absorbing melamine foam



FLAMEGUARD	Thickness	Weight
FLAMEGUARD 20	20 mm	0,24 kg/m ²
FLAMEGUARD 25	25 mm	0,30 kg/m ²
FLAMEGUARD 30	30 mm	0,36 kg/m ²
FLAMEGUARD 40	40 mm	0,48 kg/m ²
FLAMEGUARD 50	50 mm	0,60 kg/m ²
FLAMEGUARD 60	60 mm	0,72 kg/m ²

Description

Flameguard is an open cell noise absorbing foam on the basis of melamine synthetics. Flameguard has a grey colour and has a high resistance to temperature.

Characteristics

- Compared to the commonly used polyurethane foam, Flameguard is much lighter
- Resistant to water, oil, fuels and many solvents and cleaning agents
- Fire characteristics: DIN 4102 (B1); DIN 54837 (S4,SR2, ST2); UL 94 (94 V-0, 94 HF-1); NF P 92-501 (M1); 476 part 6/7 (Class 0)
- Thermal insulation at 10 °C / 50mm < 0,035 W/mK
- UVA stability: ISO 105 B02 / NF 07076 class, blue scale 7
- High linear expansion coefficient
- Operating temperature 150 °C (max.)

Application

Shipping, yacht building, audio branch, car and airplane industry

Finishing

AIRISOL aluminium foil, AIRISOLFLEX glass fibre, AIRISOL glass cloth
AIRISOL marine cloth, etc. in combinaion and/of sandwich of choice

Processing

Surface must be dry, dust and grease-free and no hotter than 80°C

Cut to size with Stanley knife, scissors or band saw

Can also be applied to slightly curved surfaces

Can also be glued with TEROKAL-2444 contact adhesive (approx. 1 kg/m²) at higher temperatures or strongly changeable relative humidity consideration must be given to higher linear expansion and other methods of attachment are advised.

Sizes

Sheets of 1250 x 1250 mm

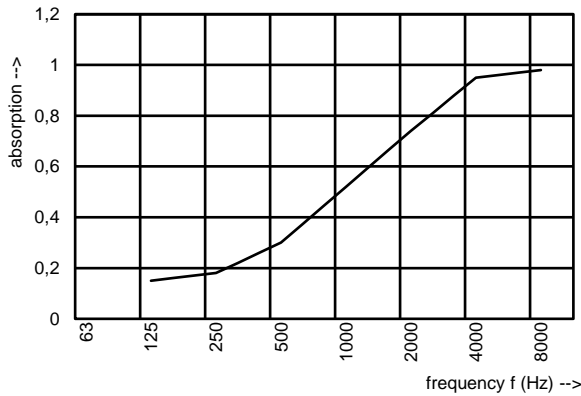
For weights and thickness see table above

Other sizes are available

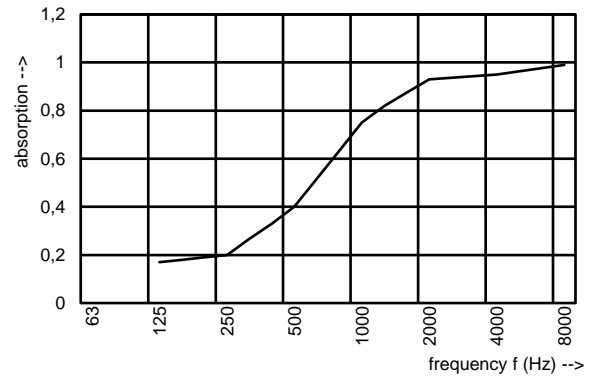
ABSORPTION VALUE

Absorption material : FLAMEGUARD
 Measured according to : ASTM C-384-77

FLAMEGUARD 15



FLAMEGUARD 25



FLAMEGUARD 50

