

QL Sound Absorbents



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The sound absorbants have a very good isolating and absorbing effect with a density of 100 kg/m³ (6,24 lb / ft³), and are well adapted to the noise frequency and noise level of marine engines (see diagram). They are made of recycled foam, which has a combination of weight and porosity that both insulates and absorbs.

Two versions

The sound absorbants are sold in sheets of 500 mm x 1000 mm (20 in x 40 in), they are easy to handle both in transport and when mounted. They are available in three thicknesses, 20, 30 and 50 mm, and can easily be cut to shape with a sharp knife. The sheets come in two versions, self-adhesive and nonadhesive.

Fire resistant material

QL Sound Absorbent Panels are approved for installation in boats to be CE marked according to EU Directive 94/25/EC. The material is treated with a fire-resistant formula and withstands temperatures up to max. 200°C/390°F. The material is covered with an oil-resistant foil that easily could be cleaned from any oil spray etc.

Best result

To achieve the best possible result, it is important that you fit the sheets properly. The joints must be as tight as possible and covered with foil tape to avoid noise leakage or penetration of water, which could be absorbed by the material. For convenient mounting you can use QL – Sound Insulation Hangers.

Features:

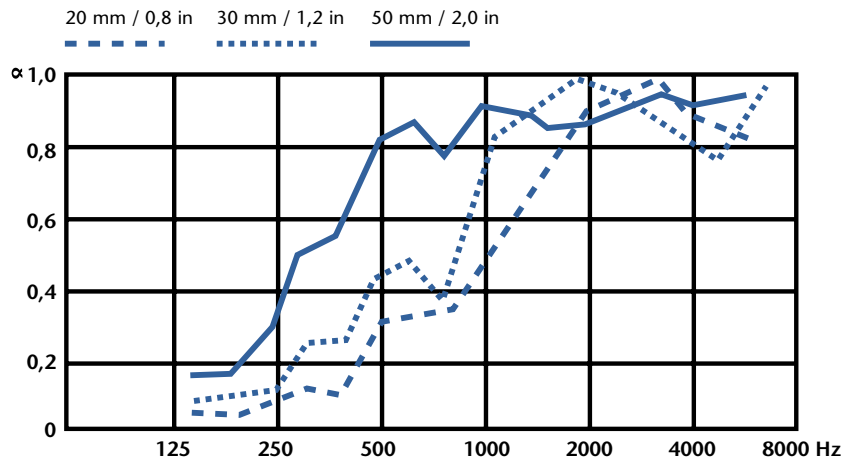
- Made of recycled polyurethane foam.
- Density of 100kg/m³ / 6,24lb/ft³.
- Protection film of aluminium foil.
- Fire proof reg: ISO3795 (FMVSS302).
- Temperature resistance: Max. 200°C / 390°F.
- Oxygen index: 24% according to ASTM D2863-91 and fulfills ISO 4589-3.



Marine Accessories
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Sound absorption diagram
According to DIN 52215



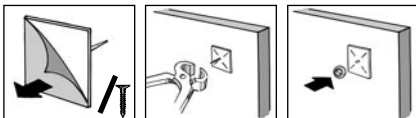
Optimum performance is reached at α 1.0. Depending on the engine noise characteristics (100-8000Hz) select the appropriate thickness of QL Sound Absorbent panel.

Facts:

Model	P / N	Thickness	Size
QL Sound Absorbants			
Sound absorbent panels, Non-adhesive	41103800	20 mm / 0.8 in	500 x 1000 mm / 20 x 40"
	41103801	30 mm / 1.2 in	500 x 1000 mm / 20 x 40"
	41103802	50 mm / 2.0 in	500 x 1000 mm / 20 x 40"
Sound absorbent panels, Self-adhesive	41103803	20 mm / 0.8 in	500 x 1000 mm / 20 x 40"
	41103804	30 mm / 1.2 in	500 x 1000 mm / 20 x 40"
	41103805	50 mm / 2.0 in	500 x 1000 mm / 20 x 40"
Aluminium foil tape	41103806	5 m roll / 16.4 ft	Self-adhesive
	41103807	50 m roll / 164 ft	Self-adhesive

Accessories:

Description Notes	P / N
QL – Sound Insulation Hangers, 10 pieces	41103810



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QL – Quality Line – a series of marine accessories supported by the Volvo Penta dealer network and selected independent dealers worldwide.

www.qlmarine.com