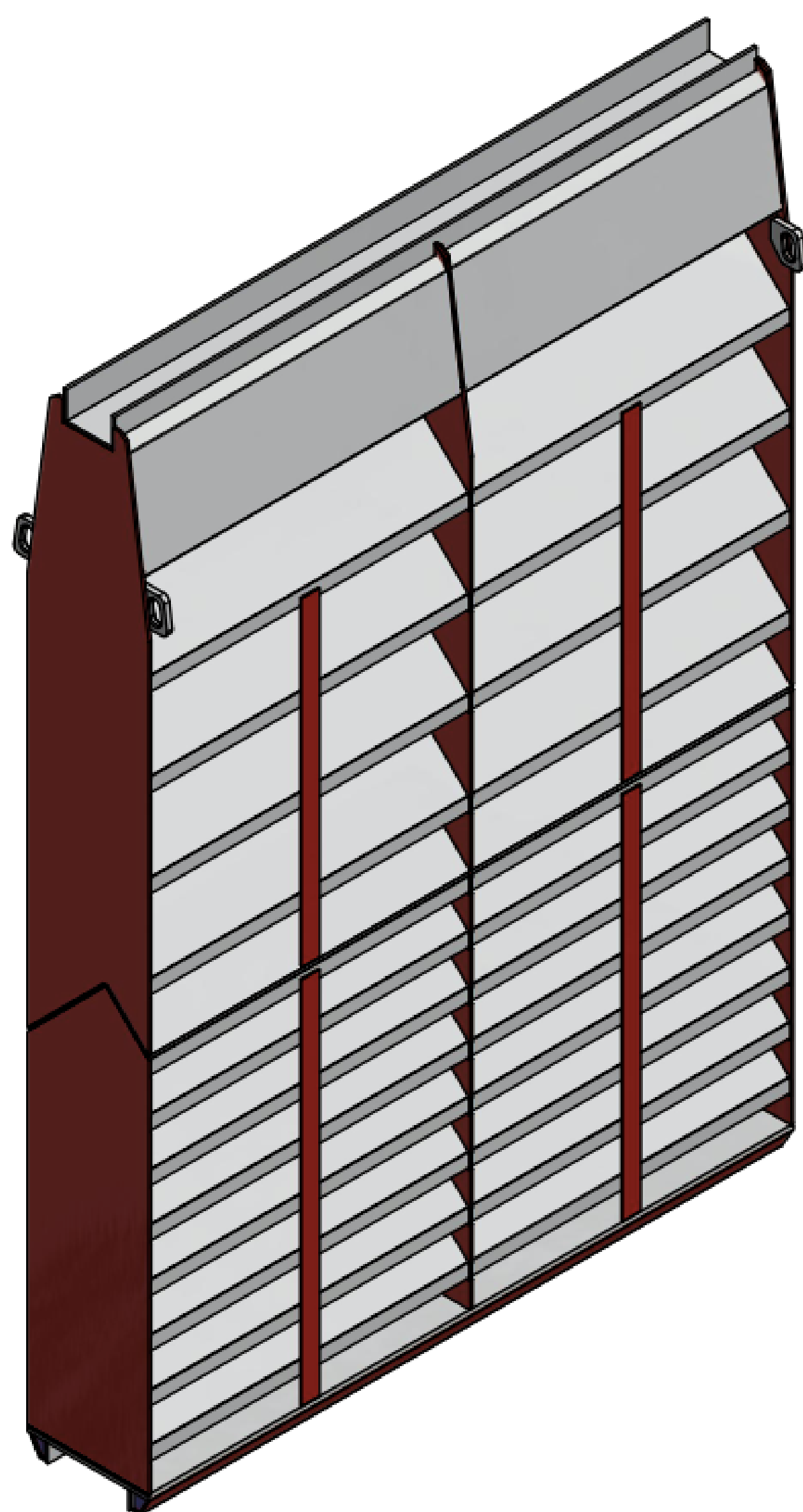
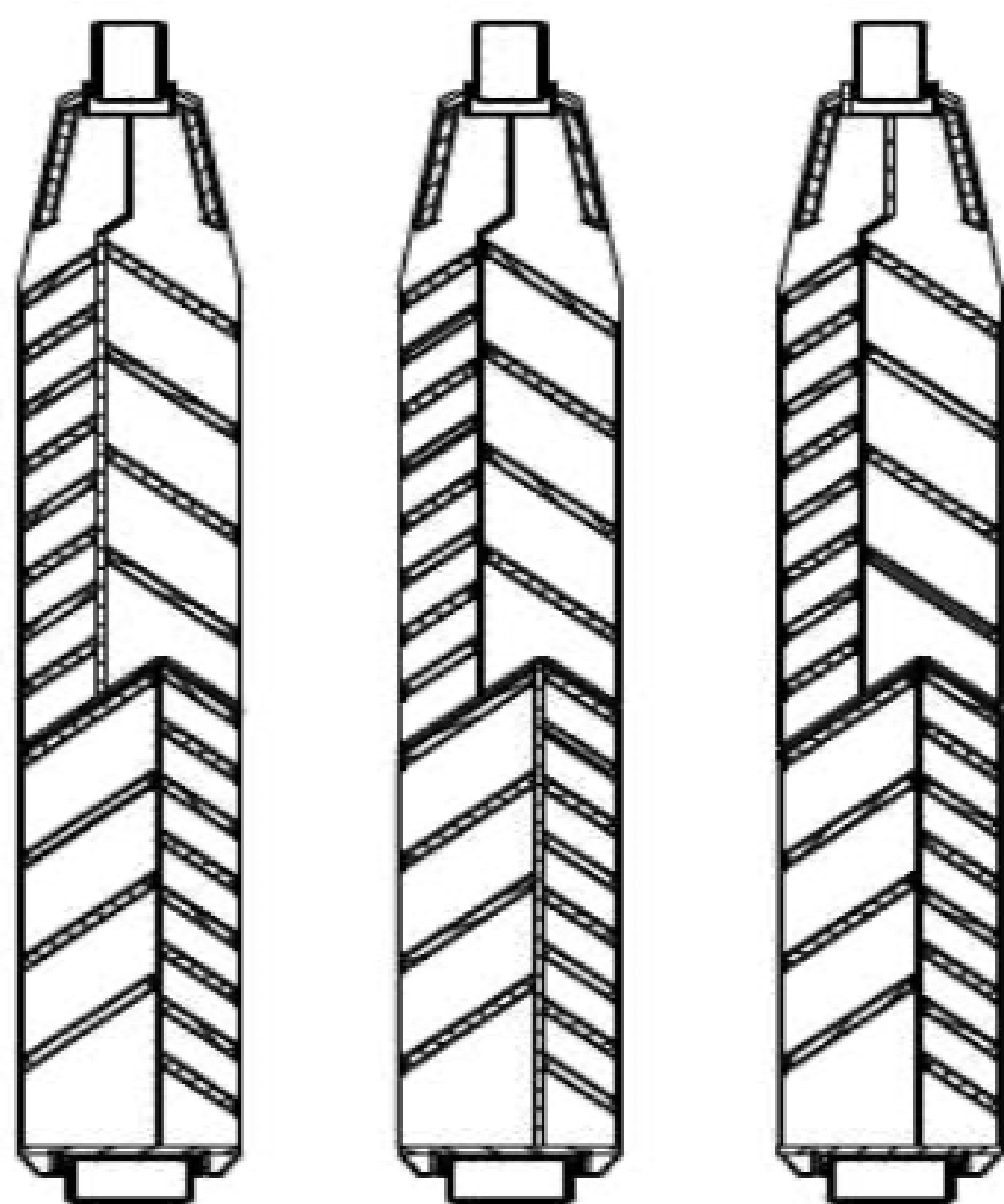


SILENCERS

SIL-RES

Customized dimensions are available on request.



Usage

SIL-RES is a high efficiency silencer employing both resonance and absorption for ventilation and flow noise reduction

Advantages

- Easy handling due to low weight
- Resistant against the most organic solvents, no corrosion
- Fire-retardant materials
- Operating temperature up to 500° C
- Wide-band absorption for low frequencies
- Low differential pressure
- Low maintenance costs

Materials

Frame

Polypropylene
Stainless steel

Absorption Materials

Rock wool
Melamine resin
Polypropylene fleece

Options

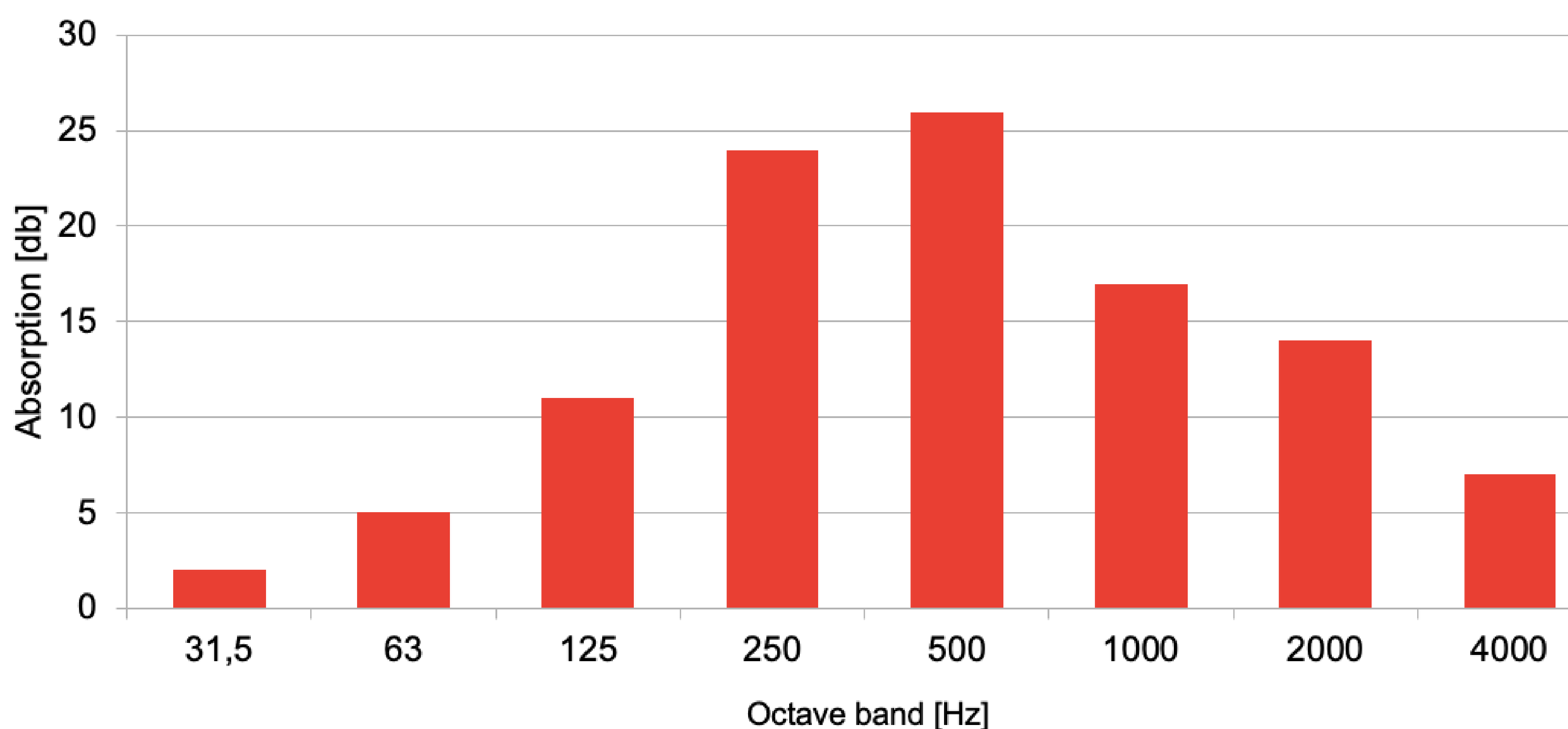
- New construction or retro fit
- Acoustic, static or CFD – simulation on request

SILENCERS

Technical characteristics

- ◆ Positioned at inlet or outlet duct
- ◆ Splitter design for horizontal or vertical flow
- ◆ Splitter cavities fitted with solid sheet absorption material
- ◆ Individual layout for acoustical and cost optimization
- ◆ Module dimensions up to 4 m²
- ◆ Different absorption materials according to application

Performance diagram polypropylene fleece „noise reduction“



Product Variations

ART.NO.	FRAME MATERIAL	INSULATION MATERIAL
33.20.05.81	PP UL 94 V0	rock wool
33.20.05.82	PP UL 94 V0	melamine resin
33.20.05.83	PP UL 94 V0	polypropylene fleece
33.20.52.81	SLS AISI 316L / 1.4404	rock wool
33.20.52.82	SLS AISI 316L / 1.4404	melamine resin
33.20.52.83	SLS AISI 316L / 1.4404	polypropylene fleece