

## Product description

Effective sound absorbent covered with aluminised polyester film and self-adhesive.

## Application

For sound absorption when noise damping machinery and equipment, including in machine enclosures, engine compartments, as well as in the food industry where there are high fire requirements. Other uses include in the wind turbine industry, for buses and in shipbuilding.

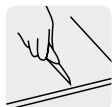
On thin sheets it is advantageous to use LA SE in connection with an anti-vibration film such as AVP or AVF. This dampens the vibrations more efficiently and soundproofing is increased.

## Acoustic data

The material's sound-damping property depends on the absorption coefficient that indicates the ratio of absorbed and incident sound energy. This means the larger the absorption coefficient, the better the noise damping. The absorption coefficient depends on the frequency and material thickness, see the graphs to the right.

## Assembly

The underlay is cleaned of dust, grease, moisture and other contaminants. Even an underlay like LA SE must be at room temperature (about 20 °C) before starting assembly.



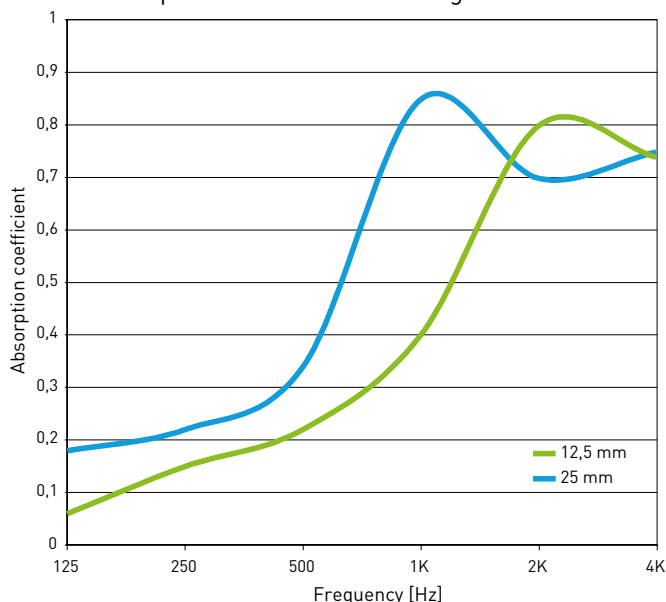
Cut with a sharp knife or similar before the protective paper is removed.



Absorbent underlay, such as untreated wooden boards, should be primed with a contact adhesive type 555.



Absorption coefficient according to DIN 52 215



	Product data	
Thickness	12.5 mm	25 mm
Width	1.0 m	1.0 m
Length	1.0 m	1.5 m
Surface weight	1 kg/m <sup>2</sup>	2 kg/m <sup>2</sup>
Colour	Grey foam with aluminised film	
Temperature range	-40 °C to +120 °C	
Properties	The film surface on LA SE is heat reflective and can easily be cleaned. LA SE is self-extinguishing and meets the following fire standards: ASTM D 2863-74, ASTM D 1692, FMVSS 302 and UL 94 HBF	