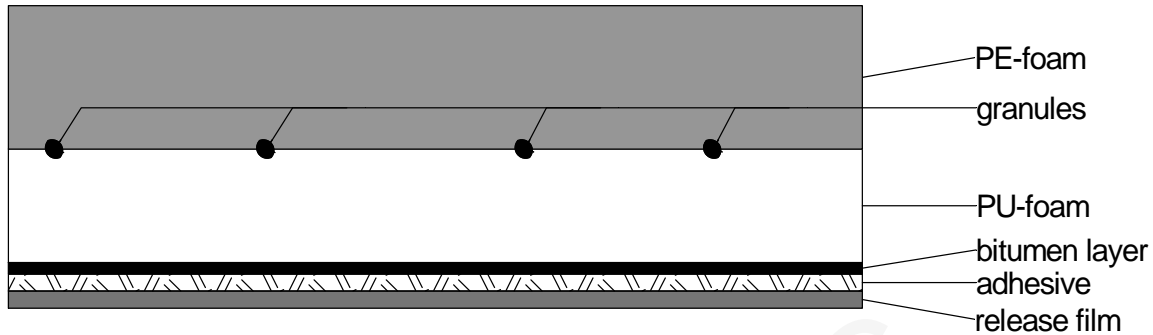


Technical Data Sheet

Laysa[®]Phon



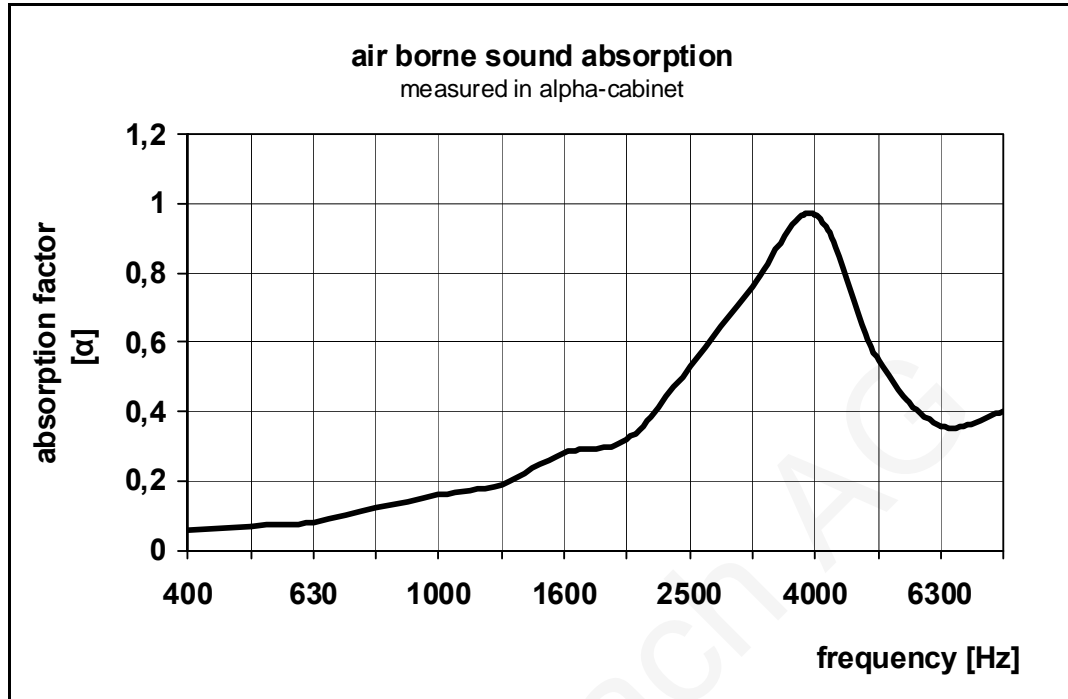
Laysa[®]Phon is a multi-layer sandwich material based on a combination of an open cell polyurethane foam (polyether) with a cross-linked grey polyethylene (PE) foam, to which polymer granules have been added, lined on a thermoplastic layer based on bitumen. Self adhesive equipment with a high-quality adhesive system based on acrylate.

Technical Data		
Thickness (approximate)	[mm]	13.0
Weight (approximate)	[kg/m ²]	2.2
Thermal Stability Long Term	[°C]	80
Thermal Stability Short Term	[°C]	100
Cold Resilience	[°C]	- 25 °C
Heat Conductivity	[W/mK]	0.04
Burning Behavior DIN 75 200/ FMVSS 302		combustion value < 100 mm/min

- Main Function:** Air borne sound absorption (sound absorption) and structure borne sound damping (anti-drumming)
- Applications:** Mechanical engineering, vehicle construction, construction machinery, sound hoods, vehicle cabs, air conditioning, rail vehicle industries etc.
- Processing:** The surface must be carefully cleaned from dust, grease, oil and water. Full area adhesion has to be insured. The adhesion strength is directly dependent from the processing pressure. The material has to be pressed in firmly, e.g. using a feed roll.
 Processing temperature: 18 - 25 °C
- Special Feature:** The surface is resistant against penetration and softening by mineral oil, gasoline, acetic acid, hydrochloric acid, caustic soda solution, solvent (propanol-2)
- Storage conditions:** Dry at temperatures between 18 - 35 °C
 Max. storage time: 6 months
- Delivery Forms:** Standard boards 1000 x 500 mm, other sizes and cut-to-size pieces upon request

Technical Data Sheet

Laysa[®] Phon



The technical data (average values) as well as material information are based on our present knowledge and experiences. They free the user because of the fullness of possible influences by the application of our products, however, not from own tests and attempts in the approach of the real application. Because of the peculiarities of every individual case we can take over no liability for our indications. On request we are available gladly with information.