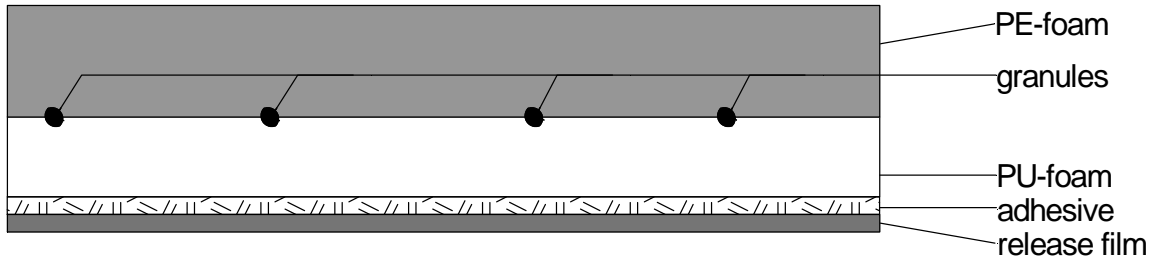


## Technical Data Sheet

**Laysa<sup>®</sup>**



Laysa<sup>®</sup> is a combination material made from open cell foam based on polyurethane and a dark-grey, cross inked and polyethylene (PE) foam as upper layer, to the PE-foam polymer granules are added. Self adhesive equipment with a high-quality adhesive system based on arcylate.

Technical Data			
Type		Laysa 12	Laysa 18
Thickness (approximate)	[mm]	12.0	18.0
Weight (approximate)	[kg/m <sup>2</sup> ]	0.5	0.8
Thermal Stability Long Term	[°C]	80	
Thermal Stability Short Term	[°C]	90	
Cold Resilience	[°C]	- 25 °C	
Heat Conductivity DIN 52 612	[W/mK]	0.04	
Burning Behaviour DIN 75200/ FMVSS 302		combustion value < 100 mm/min	

**Main function:** Air borne sound absorption (sound absorption)

**Applications:** Mechanical engineering, vehicle construction, construction machinery, sound hoods, vehicle cabs, air conditioning, noise damper 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.  
 Cutting with knife, saw or scissors  
 Processing temperature: 18 - 25 °C

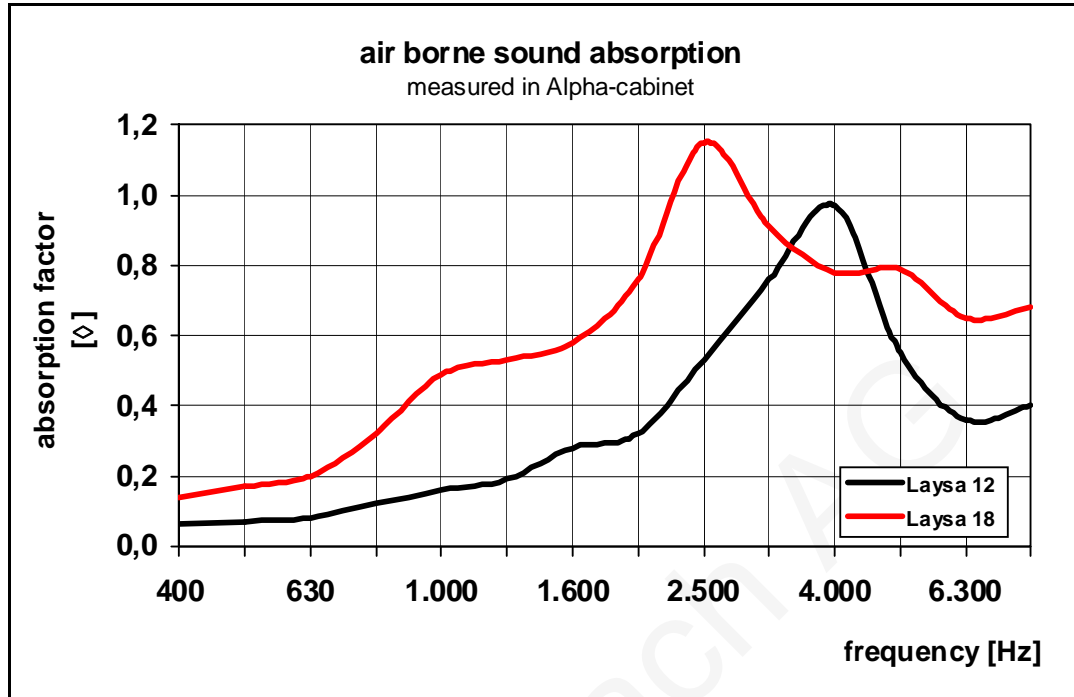
**Special Feature:** The surface is resistant against penetration and softening by mineral oil, gasoline, acetic acid, hydrochloric acid, NaOH and organic solvents (Propanol-2)

**Storage conditions:** Dry at temperatures between 18 - 35 °C  
 Max. storage time: 6 months

**Delivery Forms:** Standard boards 500 x 1000 mm, other sizes and cut-to-size pieces upon request

## Technical Data Sheet

**Laysa<sup>®</sup>**



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.