

# Technical Data Sheet

# S 3905a



melamine foam

S 3905a is a white melamine-foam (Basotect®).

Technical Data		5	20
Type		5	20
Thickness (approximate)	[mm]	5.0	20.0
Density (approximate)	[kg/m³]	9.0 ± 2	
Thermal Stability	[°C]	180	
Cold Resilience	[°C]	- 40 °C (bonded)	
Tensile Strength DIN EN ISO 1798	[kPa]	> 120	
Elongation at Break DIN EN ISO 1798	[%]	> 20	
Compression Resistance (40%) DIN EN ISO 3386-1	[kPa]	> 7	
Burning Behavior DIN 4102		B 1	
Burning Behavior UL 94		V-0, HF-1	
Burning Behavior DIN 75 200/ FMVSS 302		combustion value < 100 mm/min	
Burning Behavior DIN 5510-2		S 4, ST 2, SR 2	
Chemical Resistance		salt solution, water, petrol, diesel, kerosine, alkaline solution, alcohol	

**Main Function:** Air borne sound absorption (sound absorption) and heat insulation

**Applications:** Machinery building, plant building, railroad cars, air conditioning etc.

**Processing:** Mechanical attachment  
 Processing temperature: 18 - 25 °C

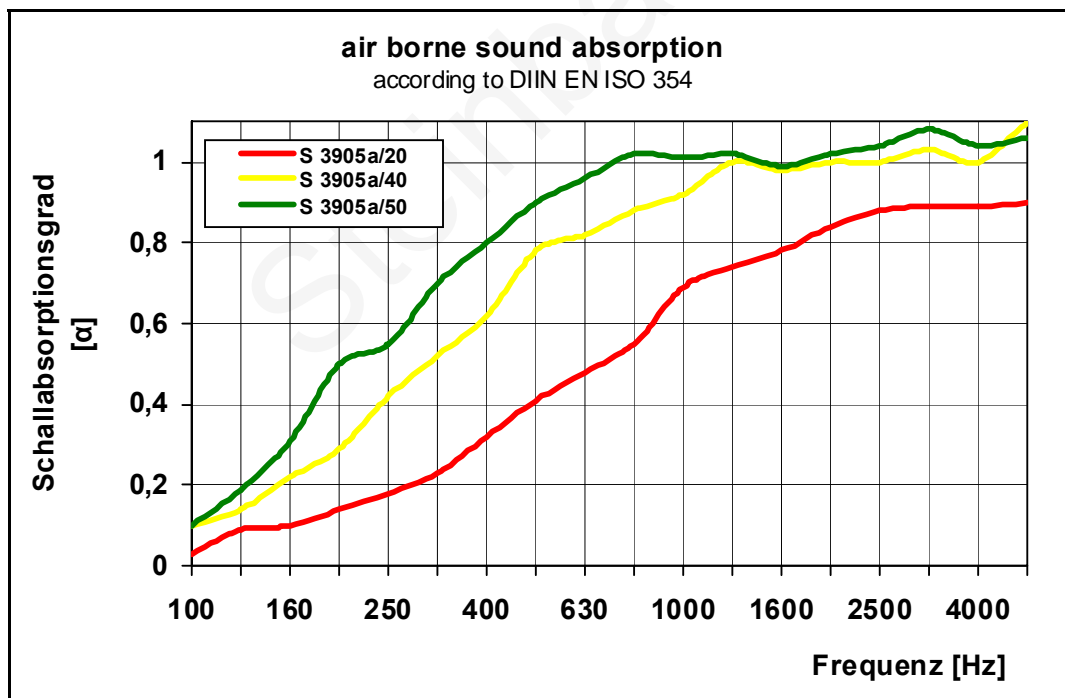
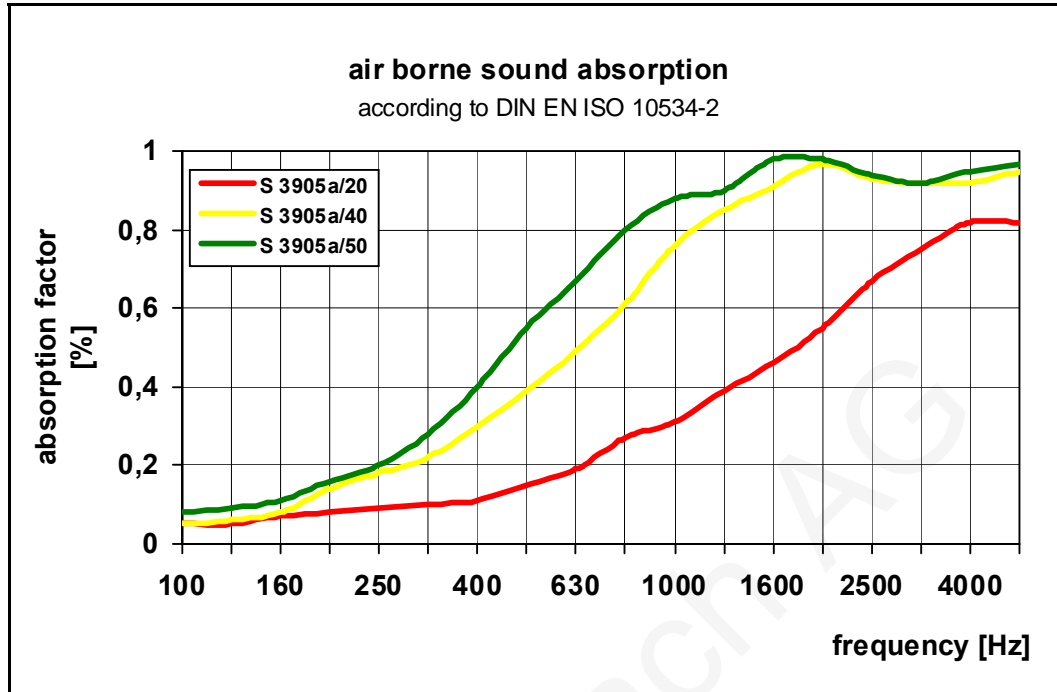
**Option:** The material is also available in grey,  
 self adhesive for installation,  
 Lamination with carbon fiber fleece or aluminium foil

**Storage conditions:** Dry at temperatures between 18 - 35 °C  
 Beware for directly solar radiation!  
 Max. storage time: unlimited

**Delivery Forms:** Standard boards max. 2500 x 1250 mm, minimum quantity on request. Other sizes and cut-to-size pieces upon request

## Technical Data Sheet

## S 3905a



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.