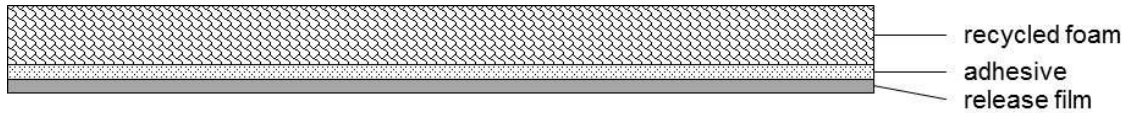


## Technical Data Sheet

## Recycled foam 160



Recycled foam 160 is a compressed recyclate foam, made of crushed leftovers pieces of various polyurethane-foams (PU-foams), which are inextricably bonded with a binder. Self-adhesive equipment with a high-quality adhesive system based on acrylate.

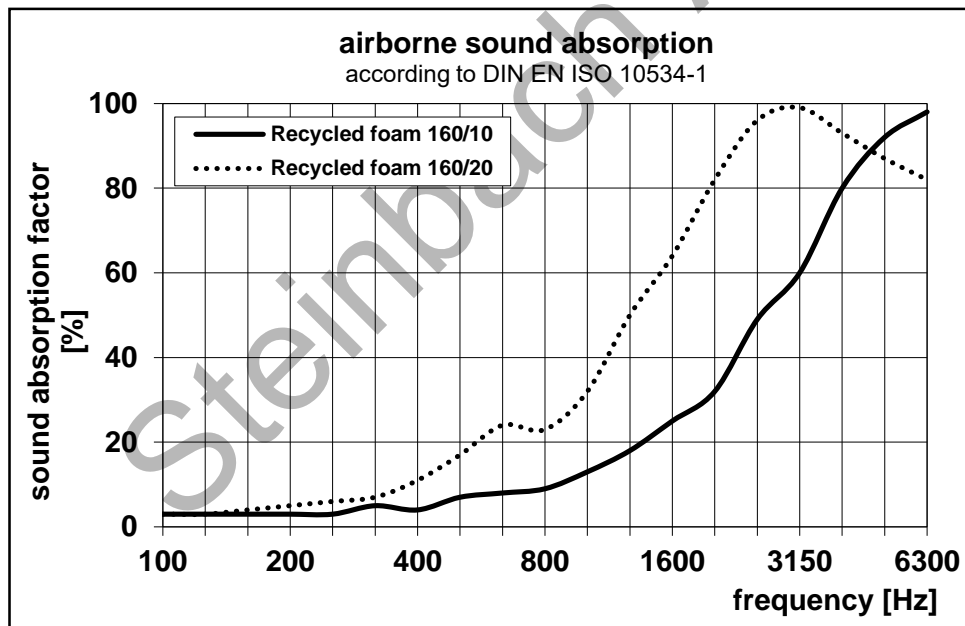
Technical Data				
Type (Recycled foam 160/...)		5	10	20
Thickness (approximate)	[mm]	5.0	10.0	20.0
Weight (approximate)	[kg/m <sup>2</sup> ]	0.9 ± 0.1	1.7 ± 0.3	3.3 ± 0.5
Density (approximate)	[kg/m <sup>3</sup> ]	160.0 ± 24.0		
Thermal stability	[°C]	120 (recycled foam) 105 ( self-adhesive coating)		
Cold resilience	[°C]	- 40		
Compressive strength ISO 3386/1 at 40%	[kPa]	42 ± 8.4		
Tensile strength ISO 1798	[kPa]	> 110		
Elongation at break ISO 1798	[%]	> 60		
Smell test VDA		3		
Combustibility at thickness 13 mm FMVSS 302		passed		

Technical Data					
Type (Recycled foam 160/...)		30	40	50	60
Thickness (approximate)	[mm]	30.0	40.0	50.0	60.0
Weight (approximate)	[kg/m <sup>2</sup> ]	4.9 ± 0.7	6.5 ± 1.0	8.1 ± 1.2	9.7 ± 1.4
Density (approximate)	[kg/m <sup>3</sup> ]	160.0 ± 24.0			
Thermal stability	[°C]	120 (recycled foam) 105 ( self-adhesive coating)			
Cold resilience	[°C]	- 40			
Compressive strength ISO 3386/1 at 40%	[kPa]	42 ± 8.4			
Tensile strength ISO 1798	[kPa]	> 110			
Elongation at break ISO 1798	[%]	> 60			
Smell test VDA		3			
Combustibility at thickness 13 mm FMVSS 302		passed			

## Technical Data Sheet

## Recycled foam 160

- Main function:** Airborne sound absorption (absorption) and airborne sound insulation, structure-borne sound insulation (anti-drumming)
- Applications:** Sound insulating cabins, vehicle cabins, mechanical engineering 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
- Option:** The material is also available with a polyester fleece surface.
- Storage conditions:** Dry at temperatures between 18 - 25 °C  
Max storage time: 6 months
- Delivery forms:** Standard boards 1,000 x 2,000 mm untrimmed, other sizes or cut-to-size pieces upon request.



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.