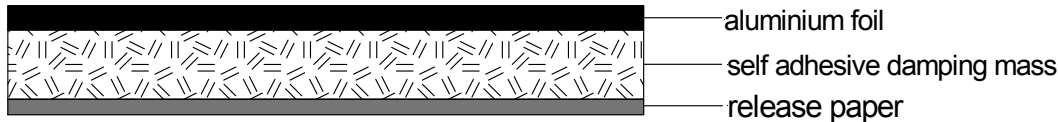


Technical Data Sheet

Sonit[®] Alu/Butyl



Sonit[®] Alu/Butyl is a sandwich system. It consists out of an aluminum foil and a self-adhesive dampening mass bases on butyl polymers.

Technical Data			
Type		Sonit Alu/Butyl 1.7	Alu/Butyl 2.0
Thickness (approximate)	[mm]	1.7 ± 0.1	2.0 ± 0.1
Weight (approximate)	[kg/m ²]	2.75	3.25
Thickness of aluminum foil	[mm]	0.15 ± 0.02	
Loss Factor DIN EN ISO 6721-3: d _{200 Hz} at 20 °C		≥ 0.184	≥ 0.220
Thermal Stability 0.5 h	[°C]	200	
Cold Resilience	[°C]	- 25 °C	
Peel Resistance	[N/cm]	5	
Burning Behavior DIN 75 200/ FMVSS 302		combustion value < 100 mm/min	
Chemical Resistance		water, alcohols, diluted acids and caustics	

Main Function: Structure borne sound dampening (anti-drumming)

Applications: Car body and vehicle construction, household equipment, ship building, mechanical engineering, air ducts etc.
 The material can be applied to oiled (white corrosion protection oil) surfaces without prior cleaning and withstands standard degreasing and painting processes.

Processing: The surface must be carefully cleaned from dust, grease 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.
 Cold bonding should not take place under 20 °C material temperature.

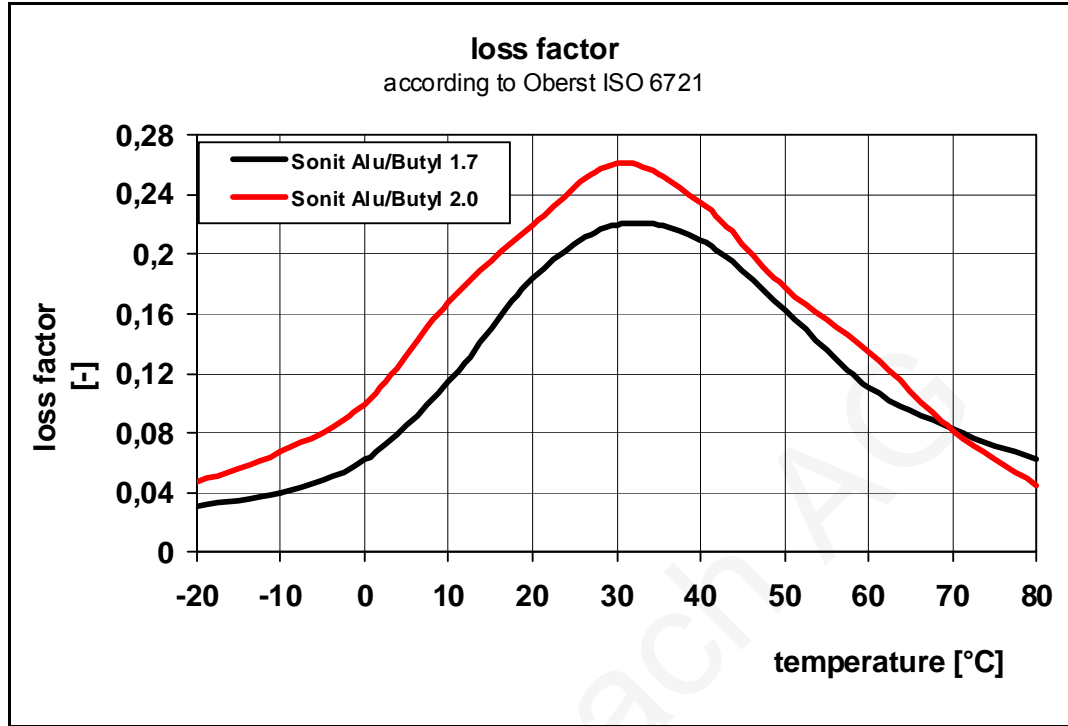
Storage conditions: Dry at temperatures between 18 - 35 °C
 Stackability: max. 100 layers
 Max. storage time: 3 months

Delivery Forms: Standard boards ca. 1000 x 1030 mm, other sizes and cut-to-size pieces upon request

Reliability: The product is not subject to labeling by EC directives / Ordinance on Hazardous Substances

Technical Data Sheet

Sonit[®] Alu/Butyl



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.