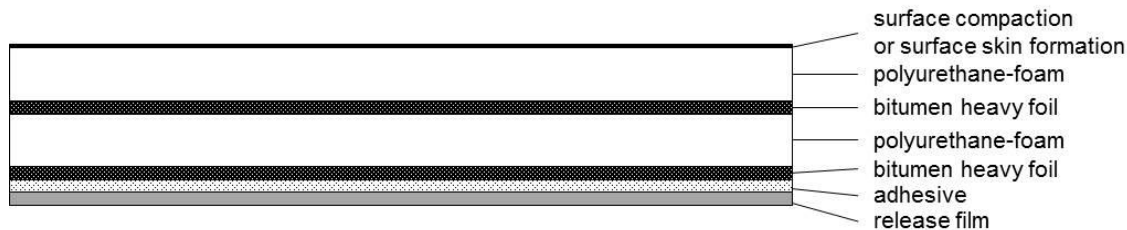


## Technical Data Sheet

## S 3806/...-2.1-10-2.1-...



S 3806/...-2.1-10-2.1-... is a composite of two layers of polyurethane foam (polyether), laminated on bitumen heavy foil, surface compaction with a stamped rhomb structure (-RG) or surface skin formation with a polyurethane foil (-VH).  
 Self-adhesive equipment with a high-quality adhesive system based on acrylate.

Technical Data			
Type (S 3806/...-2.1-10-2.1-...) RG - surface compaction VH - surface skin formation		S 3806/ 10-2.1-10-2.1-RG	S 3806/ 30-2.1-10-2.1-RG
Thickness (approximate)	[mm]	24.2	44.2
Weight (approximate)	[kg/m <sup>2</sup> ]	8.82 ± 0.7	9.3 ± 0.75
Thermal stability 2h	[°C]	90	
Cold resilience	[°C]	- 35 (bonded)	
Heat conductivity	[W/mK]	0.04 (foam)	
Peel resistance	[N/mm]	> 0.3 (foam)	
Combustibility FMVSS 302 DIN 75200	[mm/min]	burn rate < 100	

Technical Data			
Type (S 3806/...-2.1-10-2.1-...) RG - surface compaction VH - surface skin formation		S 3806/ 40-2.1-10-2.1-RG	S 3806/ 40-2.1-10-2.1-VH
Thickness (approximate)	[mm]	54.2	
Weight (approximate)	[kg/m <sup>2</sup> ]	9.5 ± 0.75	9.7 ± 0.8
Thermal stability 2h	[°C]	90	
Cold resilience	[°C]	- 35 (bonded)	
Heat conductivity	[W/mK]	0.04 (foam)	
Peel resistance	[N/mm]	> 0.3 (foam)	
Combustibility FMVSS 302 DIN 75200	[mm/min]	burn rate < 100	

## Technical Data Sheet

## S 3806/...-2.1-10-2.1-...

<b>Main function:</b>	Airborne sound absorption (absorption) and airborne sound insulation, structure-borne sound insulation (anti-drumming)
<b>Applications:</b>	Sound insulating cabins, vehicle cabs, mechanical engineering etc.
<b>Processing:</b>	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. <b>Remove the protective foil after installation!</b> Processing temperature: 18 - 25 °C
<b>Specials:</b>	Surface resistant to penetration and solubilization of / by oil, gasoline, diesel, water
<b>Storage conditions:</b>	Dry at temperatures between 18 - 25 °C Max storage time: 3 months
<b>Delivery forms:</b>	Standard boards 1,000 x 1,600 mm untrimmed, other sizes and 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.