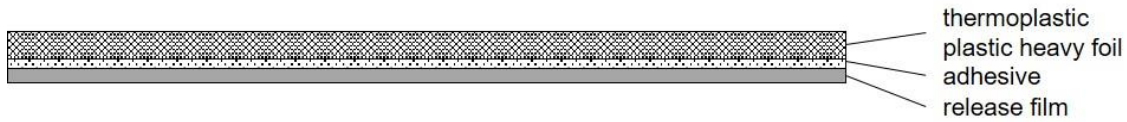


Technical Data Sheet

S 3406



S 3406 is a flexible thermoplastic plastic heavy foil, composed by polymers and filled with minerals. Self-adhesive equipment with a high-quality adhesive system based on acrylate.

Technical Data				
Type (S 3406/...)		2.0	2.85	5.75
Thickness (approximate)	[mm]	2.0 ± 0.3	2.85 ± 0.4	5.75 ± 0.5
Weight (approximate)	[kg/m ²]	3.5 ± 0.2	5.0 ± 0.2	10.0 ± 0.5
Thermal stability	[°C]	+80		
Cold resilience	[°C]	-15		
Hardness Shore A		85		
Tensile strength	[N/mm ²]	> 1.0		
Elongation at break ISO 37	[%]	> 100		
Airborne sound reduction Rw	[dB]	23 22 32	3.5 kg/m ² weight 5 kg/m ² weight 10 kg/m ² weight	
Combustibility FMVSS 302 DIN 75200	[mm/min]	< 100		
Burning behaviour		Bs1d2 (Flame direct to material) Bs1d0 (Between 2 plasterboards)		
EN 13501		passed		
UL94 V-2		passed		
DIN EN 45545-2 (02/2022) *only applies to S 3406/2.85*		flame spread CFE rate of heat emission MARHE smoke density smoke toxicity CIT _G	R1, HL2 R1, HL2 R1, HL2 R1, HL2	

Technical Data Sheet

S 3406

Main function:	Structure-borne sound insulation (anti-drumming)
Applications:	Vehicle industry, railway traffic, building sector
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
Storage conditions:	Dry at temperatures between 18 - 25 °C Max storage time: 12 months
Delivery forms:	Standard boards 1,000 x 1,200 mm, other sizes and cut-to-size pieces upon request.

Steinbach AG

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.