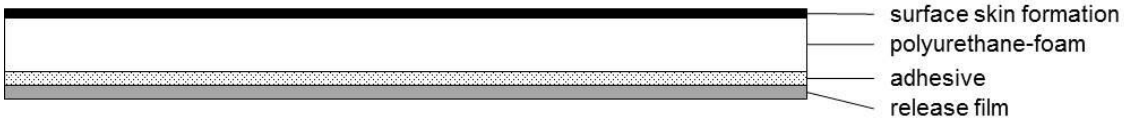
Westerfeldstraße 32-42
32758 Detmold - Germany
Phone: +49 5231 96 07-0
Fax: +49 5231 96 07-50
Email: info-ic@steinbach-ag.de
Website: www.steinbach-ag.de

Steinbach AG
Industrial Components

Technical Data Sheet **PU-foam classic**



Polyurethane-foam classic is an open-cell polyurethane-foam (polyether),
surface skin developing with an airtight, mechanical resistant black polyurethane-foil.
Self-adhesive equipment with a high-quality adhesive system based on acrylate.

Technical Data					
Type (PU-foam classic …)		**10**	**15**	**20**	**25**
Thickness (approximate)	[mm]	10.0	15.0	20.0	25.0
Weight (approximate)	[kg/m²]	0.35 ± 0.04	0.5 ± 0.05	0.61 ± 0.06	0.74 ± 0.08
Density ISO 845 (approximate)	[kg/m³]	23 - 28			
Thermal stability	[°C]	120			
Cold resilience	[°C]	- 40 (bonded)			
Compressive stress CV 40 ISO 3386/1	[kPa]	3.1 - 3.8			
Tensile strength ISO 1798	[kPa]	> 110			
Elongation at break ISO 1798	[%]	> 130			
Compression set ISO 1856 (22h / 70 °C / 50%)	[%]	< 7			
Smell test VDA 270 C3		≤ 3			
Fogging DIN 75201	[mg]	≤ 1.0			
Heat conductivity	[W/mK]	0.041			
Combustibility FMVSS 302	[mm/min]	burn rate < 100			

Westerfeldstraße 32-42
32758 Detmold - Germany
Phone: +49 5231 96 07-0
Fax: +49 5231 96 07-50
Email: info-ic@steinbach-ag.de
Website: www.steinbach-ag.de

Steinbach AG
Industrial Components

Technical Data Sheet **PU-foam classic**

Technical Data				
Type (PU-foam classic …)		**30**	**40**	**50**
Thickness (approximate)	[mm]	30.0	40.0	50.0
Weight (approximate)	[kg/m²]	0.87 ± 0.09	1.12 ± 0.11	1.38 ± 0.14
Density ISO 845 (approximate)	[kg/m³]	23 - 28		
Thermal stability	[°C]	120		
Cold resilience	[°C]	- 40 (bonded)		
Compressive stress CV 40 ISO 3386/1	[kPa]	3.1 - 3.8		
Tensile strength ISO 1798	[kPa]	> 110		
Elongation at break ISO 1798	[%]	> 130		
Compression set ISO 1856 (22h / 70 °C / 50%)	[%]	< 7		
Smell test VDA 270 C3		≤ 3		
Fogging DIN 75201	[mg]	≤ 1.0		
Heat conductivity	[W/mK]	0.041		
Combustibility FMVSS 302	[mm/min]	burn rate < 100		

Main function: Airborne sound absorption (sound absorption)

Applications: Sound insulation cabins, vehicle cabs, 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

Specials: The surface is resistant against penetration and quelling by water, oil, gasoline and gasoil

Options: White and grey surface skin

Storage conditions: Dry at temperatures between 18 - 25 °C
Max storage time: 6 months

Delivery forms: Rolls, standard boards 2,000 x 1,000 mm untrimmed, other sizes or cut-to-size pieces upon request.

Westerfeldstraße 32-42
32758 Detmold - Germany
Phone: +49 5231 96 07-0
Fax: +49 5231 96 07-50
Email: info-ic@steinbach-ag.de
Website: www.steinbach-ag.de

Steinbach AG
Industrial Components

Technical Data Sheet **PU-foam classic**