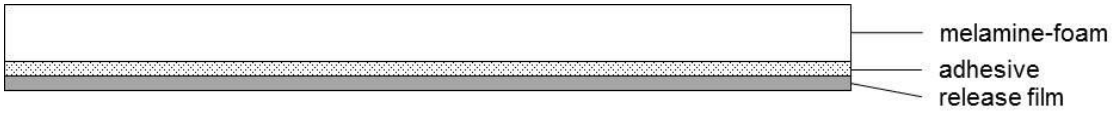
Westerfeldstraße 32-42
32758 Detmold - Germany
Phone: +49 5231 96 07-0
Fax: +49 5231 96 07-50
Email: info-ic@steinbach-ag.de
Website: www.steinbach-ag.de

Steinbach AG
Industrial Components

Technical Data Sheet S 3915/…-Tect



S 3915/…-Tect is a light grey open-cell melamine resin foam.
Self-adhesive equipment with a high-quality adhesive system based on acrylate.

Technical Data					
Type (S 3915/…-Tect)		**5**	**10**	**20**	**30**
Thickness (approximate)	[mm]	5.0	10.0	20.0	30.0
Density DIN EN ISO 845 (approximate)	[kg/m³]	9.0 ± 1.5			
Application temperature DIN EN ISO 2578	[°C]	200 (1,000 h) 150 (20,000 h)			
Cold resilience	[°C]	- 40			
Heat conductivity DIN EN 12667 at 10 °C, d = 50 mm	[W/mK]	< 0.035			
Sound absorption coefficient DIN ISO 10534 d = 50 mm, f = 2000 Hz	[%]	≥ 90			
Compression set DIN EN ISO 1856 (22 h, 70 °C, 50%)	[%]	5 - 30			
Tensile strength DIN ISO 1798	[kPa]	> 120			
Elongation at break DIN ISO 1798	[%]	> 18			
Compression resistance DIN EN ISO 3386-1	[kPa]	> 9			
Combustibility FMVSS 302	[mm/min]	SE			
Burning behaviour UL 94		HF1			
Burning behaviour DIN 4102		B1			
Burning behaviour DIN 5510-2		flammability class S 4 smoke emission class SR 2 dripping behaviour class ST 2 FED ≤ 1 passed (toxicity)			
Burning behaviour CEN/TS 45545-2:2009		flame spread CFE R1, HL3 rate of heat emission MARHE R1, HL3 smoke density R1, HL3 smoke toxicity CIT_G R1, HL3			
Chemical resistance		alcohols, acids (ethanoic-, lactic-, phosphorus-, citric acid), alkaline solutions, sodium hypochlorite solution, sodium chloride solution, water, hydrogen peroxide, hydrocarbons, esters, ketones and glycol ether			

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 S 3915/…-Tect

Technical Data					
Type (S 3915/…-Tect)		**35**	**40**	**50**	**80**
Thickness (approximate)	[mm]	35.0	40.0	50.0	80.0
Density DIN EN ISO 845 (approximate)	[kg/m³]	9.0 ± 1.5			
Application temperature DIN EN ISO 2578	[°C]	200 (1,000 h) 150 (20,000 h)			
Cold resilience	[°C]	- 40			
Heat conductivity DIN EN 12667 at 10 °C, d = 50 mm	[W/mK]	< 0.035			
Sound absorption coefficient DIN ISO 10534 d = 50 mm, f = 2000 Hz	[%]	≥ 90			
Compression set DIN EN ISO 1856 (22 h, 70 °C, 50%)	[%]	5 - 30			
Tensile strength DIN ISO 1798	[kPa]	> 120			
Elongation at break DIN ISO 1798	[%]	> 18			
Compression resistance DIN EN ISO 3386-1	[kPa]	> 9			
Combustibility FMVSS 302	[mm/min]	SE			
Burning behaviour UL 94		HF1			
Burning behaviour DIN 4102		B1			
Burning behaviour DIN 5510-2		flammability class S 4 smoke emission class SR 2 dripping behaviour class ST 2 FED ≤ 1 passed (toxicity)			
Burning behaviour CEN/TS 45545-2:2009		flame spread CFE R1, HL3 rate of heat emission MARHE R1, HL3 smoke density R1, HL3 smoke toxicity CIT_G R1, HL3			
Chemical resistance		alcohols, acids (ethanoic-, lactic-, phosphorus-, citric acid), alkaline solutions, sodium hypochlorite solution, sodium chloride solution, water, hydrogen peroxide, hydrocarbons, esters, ketones and glycol ether			

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 S 3915/…-Tect

Main function: Airborne sound absorption (absorption) and heat insulation

Applications: Mechanical engineering, plant construction, wagon construction, ventilation- and heating construction etc.
Not suitable for outdoor use / outdoor exposure!

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, protected against UV and weather at temperatures between 18 - 25 °C
Max storage time: 9 months in original packaging

Delivery forms: Standard boards 1,250 x 2,500 mm, tolerance ± 2% conditionally.
Other sizes and cut-to-size pieces upon request.

Labelling: The product is not subject to labelling according to EC directives / Ordinance on Hazardous Substances.