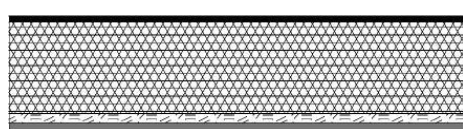


### Description:

Noiseflex® Proof Vario are slab-shaped sound absorbers made of polyurethane foam material. These sound absorber boards are available in 10 to 50 mm thicknesses and may optionally be layered with a polyurethane-based foil for surface protection and/or an additional self-adhesive system.

### Construction of Noiseflex® Proof Vario:



Optional:

PU protective foil

Noiseflex® sound absorber foam material

Optional:

Self-adhesive layer with siliconized cover foil

### Technical data:

#### Foam material

Standard thicknesses	Polyurethane ether-based soft foam	
	10 mm, 15 mm, 20 mm, 25 mm, 30 mm, 40 mm, 50 mm	
	others on request	
Density	23 – 28 kg / m <sup>3</sup>	ISO 845
Compressive resistance CV 40	3.15 – 3.85 kPa	ISO 3386 / 1
Tensile strength	> 110 kPa	ISO 1798
Ultimate elongation	> 130 %	ISO 1798
Compression set at 22 h, 70 °C, 50 %	< 7 %	ISO 1856
Fire behaviour at 13 mm thickness	≤ 100 mm / Min.	FMVSS 302
Temperature resistance	- 40 °C to + 120 °C	
Smell test	≤ 3	VDA 270 C3
Fogging behaviour	≤ 1.0 mg	

#### Protective foil

Foil thickness	Polyurethane-based covering foil	
	25 ± 5 µm	ISO 4593:1993
Melting range on the surface	148 – 152 °C	UNI EN ISO 11357 – 1
Tensile strength	lengthwise	ISO 527 – 3 / 2 / 200
	transverse	
Elongation at break	lengthwise	ISO 527 – 3 / 2 / 200
	transverse	
Tear resistance	lengthwise	DIN 53519 / 90
	transverse	

All the values listed above refer to the PU foil as a raw product. These values may change after application on the sound absorber foam (laminating).

### Self adhesive layer:

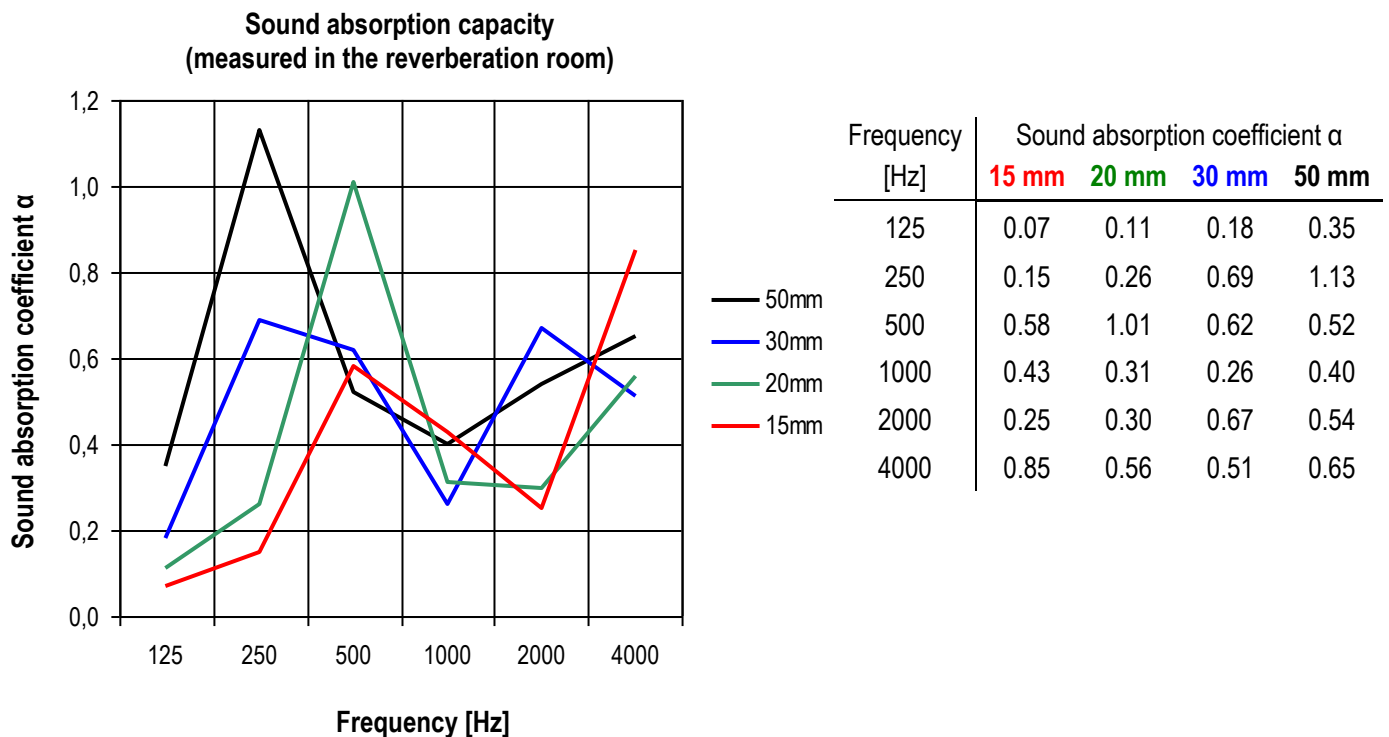
Base	Acrylic acid ester polymer dispersion	
Temperature resistance	- 40 °C to + 105 °C	
Resistance against softeners	good	
Fire behaviour	FMVSS 302 compliant on flame-protected foam material	
Adhesion on painted sheet metal	3.5 N / cm	DIN 53357 – A
Order volume	97 + 15 / - 10 g / m <sup>2</sup>	Dry weight
Cover material	siliconized cover foil	
The self-adhesive layer is low-odour and has very low sensitivity to water. It does not contain any solvents after application to the substrate.		

### Processing instructions:

In order to achieve a proper adhesion, the substrate has to be dry and free of dust, oil and grease as well as sustainable. In the case of metals and plastics a cleaning with one of our cleaners is recommended. The subsurface is to be checked for conformity with the cleaner / the self-adhesive coating. Proceed carefully when adhering, since a subsequent correction is not possible after the self-adhesive coating has come into contact with the subsurface. While processing pay attention to sufficient application of pressure while avoiding trapped air. During installation, never stretch the product.

### Storage:

Store in original packaging tightly closed, dry at temperatures of + 15 °C to + 25 °C with no exposure to direct sun light. Shelf life is at least 12 months.



### Attention! Important Note:

Above information are based on best present knowledge of current technology, but do not guarantee faultless processing of our products. The information is based on practical results of our tests, but is not binding and does not constitute warranties of characteristics in terms of Federal Supreme Court jurisdiction. Our information does not constitute a legally binding assurance of certain properties or suitability for a specific purpose. Supplementary information by our specialists are merely recommendations, for which no liability is accepted.

Due to the many possible applications of our products, we recommend subjecting the project to a thorough suitability test on original materials before release for further application.

Since our information are non-binding we do not warranty their correctness. For this reason we accept no liability for possible improper processing based on information submitted by our employees.

This technical data sheet replaces all previous versions and is valid until a new version is issued, or until Dec. 31, 2022. Please request the latest version after Jan. 01, 2023.

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