

Noiseflex® Vibra light is a one-sided self-adhesive **bitumen raw felt pasteboard** for body sound insulation.

For the exterior and interior muffling of sheet metals:

- shelves
- trolleys
- windowsills
- sinks
- sheet metal cases
- etc.

### Technical data:

Substrate		bitumen pasteboard	
Adhesive		polyacrylate-based dispersion adhesive	
Peel resistance		≥ 10 N / 25 mm	in dependence on DIN EN 1939
Shear resistance		1000 g / 625 mm <sup>2</sup>	in dependence on DIN EN 1943
Covering material		silicone paper	
Material thickness (without covering material)		1.2 ± 0.2 mm	
		2.0 ± 0.2 mm	
Weight per unit area	thickness 1.2 mm:	approx. 1100 ± 100 g / m <sup>2</sup>	
	thickness 2.0 mm:	approx. 1875 ± 125 g / m <sup>2</sup>	
Tensile strength	lengthwise	450 N / 5 cm ± 15 %	EN 13859 – 1
	crosswise	280 N / 5 cm ± 15 %	
Working temperature		+ 10 °C to + 30 °C	
Temperature range		- 30 °C to + 80 °C	
		protect against direct sun exposure	
Fire behaviour		Class E	DIN EN 13501
Resistance to condensed moisture		very good	
Ageing resistance		very good	
Plasticiser resistance		very good	
Standard dimensions		1000 x 500 x 1.2 / 2.0 mm	
		1000 x 1000 x 1.2 / 2.0 mm	

### Storage:

6 months after production date in the closed original drum at a temperature of 23 °C and a relative humidity of 50 %.  
Protect from sunlight.

## Processing notes:

**General notes:** In order to achieve proper adhesion, the substrate must be weight-bearing, dry, dust-free, oil-free, free of grease and of other adhesion-impeding components. Generally we recommend cleaning the surface to be covered with Noiseflex Vibra light using a corresponding cleaning agent. Application may require an additional mechanical fixture. This is to be observed in particular when mounting Noiseflex Vibra light on critical substrates. This applies in particular to coloured sheets which are subject to great thermal deformation.

**Application underneath metal window sills for the purpose of sound deadening:** Clean the window sill thoroughly from underneath using our Fasatan® cleaner/diluent. Caution: Fasatan® cleaner/diluent has a dissolving effect on powder-coated window sills. Therefore only clean the places to be covered with Noiseflex Vibra light and only use in non-visible areas. Cut strips of Noiseflex Vibra light to the required size and remove the protective paper from the self-adhesive layer. Carefully place Noiseflex Vibra light in the centre on the whole length of the bottom side of the window sill. The position of Noiseflex Vibra light can only be corrected if Noiseflex Vibra light has not been pressed on in any place of the window sill. Press Noiseflex Vibra light tightly onto the bottom side of the window sill. For this purpose, use a pressure roller of hard rubber or the like. To ensure an optimum effect, at least two thirds of the sheet surface should be covered with Noiseflex Vibra light in the centre.

Heat and cold on metal window sills causes the extension or shrinkage of the metal. This may bring about a loss of adhesion of Noiseflex Vibra light. If such a loss of adhesion of Noiseflex Vibra light occurs, we recommend using Multi Primer for spraying in order to ensure optimum adhesion, or applying an additional mechanical fixture of Noiseflex Vibra light.

## 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, 2024. Please request the latest version after Jan. 01, 2025.

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