

## NOISEflex® Pyramis PU

Noiseflex® Pyramis PU open pore, cut polyurethane foam, especially for our sound absorption.

For airborne noise reduction and in combination with bitumen board it is also for structure-borne noise reduction in buildings or industry.

This special, high class quality foam with a burning rate < 100 mm / min. according to MVSS has a very good stability against weathering and a high imprint resistance, which makes Sound Insulation Absorber Pyramid particularly useful for:

- soundproofing lining in machines, gymnasiums, classrooms
- encapsulation or partial encapsulation
- covers such as metal boxes and caps
- soundproofing of pipes

Application areas	Noiseflex® Pyramis PU	
	with / without self-adhesive coating	As Noiseflex® Panino: Noiseflex® Pyramis PU with bitumen board
Conference- and classrooms	+	+
Halls	+	+
Automobile manufacture	+	+
Caps and superstructures	+	+
Elevator construction		+
Refrigeration and air conditioning	+	+
Household devices	+	+
Utility vehicles	+	+
Caravans and motor homes	+	+
Rail vehicles	+	+
Woodworking machines	+	+
+ highly suitable		

### Technical data:

Material	polyurethane soft foam Noiseflex® PU 25	
Colour	anthracite	
Raw density	19 ± 1 kg / m³	DIN EN ISO 845
Compression load deflection	4.0 ± 0.7 kPa	DIN EN ISO 3386
Hardness loss	max. 35 %	DIN EN ISO 3386
Tensile strength	min. 100 kPa	DIN EN ISO 1798
Elongation	min. 90 %	DIN EN ISO 1798
Compression set	max. 5.5 %	DIN EN ISO 1856
Temperature stability	- 40 °C to + 100 °C	
Fire behaviour	burning rate < 100 mm / Min	MVSS 302
Thermal conductivity	λ = 0.033 – 0.04 W / (m·K)	Literature

### Versions:

1. As Noiseflex® Pyramis PU and as Noiseflex® Pyromo PU
2. As Noiseflex® Pyramis PU and as Noiseflex® Pyromo PU with self-adhesive coating
3. Als Noiseflex® Panino with bitumen board (1.3 kg / m² and 2.1 kg / m²) and self-adhesive coating

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Part no.	Standard dimensions	Total thickness	Full material (= base height)	Pyramid base	Pyramid height
1 309 530	1000 x 500 mm	30 mm	15 mm	50 x 50 mm	15 mm
1 309 550	1000 x 500 mm	50 mm	15 mm		35 mm
1 309 570	1000 x 500 mm	70 mm	35 mm		35 mm
1 309 599	1000 x 500 mm	100 mm	65 mm		35 mm



**Noiseflex® Pyromo PU**

Part no.	Standard dimensions	Total thickness	Full material (= base height)	Pyramid base	Pyramid height
	1000 x 500 mm	22 mm	15 mm	50 x 50 mm	7 mm
	1000 x 500 mm	32 mm	15 mm		17 mm
	1000 x 500 mm	52 mm	35 mm		17 mm
	1000 x 500 mm	82 mm	65 mm		17 mm



Other versions and dimensions are available on request. Please be specific in your request.

**Processing notes:**

For full surface gluing of Noiseflex®-Sound Insulation Absorber Pyramids (not with bitumen board) onto walls or ceilings we recommend our BOSIG Acoustic Adhesive. Please observe the technical instruction sheet specifications and the processing notes of BOSIG Acoustic Adhesive. Particularly pyramids or other cuts shall be installed with continuous joints. Displacements are to be avoided.

**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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