

Noiseflex® Picture Plus consist of an absorber board in a stentering frame profile made from aluminium with fabric covering for wall fastening. The surrounding aluminium frame has a installing depth of 40 mm or 65 mm and a location groove for the material cover in front. Noiseflex® MH or Noiseflex® Conso absorber boards are used as filling. The fabric cover can have a custom print design or consist of high-class upholstery fabric. The sewn in Keder profile enables simple exchange of the print motif at a later stage. This renders Noiseflex® Picture Plus a design element for functional wall areas, which can also drastically reduce both reverberation time and sound level.

Application:

As a wall picture in

- Offices and administration buildings
- Kindergardens and schools
- Shops
- Call centers
- Banks and insurance companies

Physical properties:

Noiseflex® Picture Plus is resistant against many chemical substances. It does not contain halogenated hydrocarbons. Noiseflex® MH and Noiseflex® Conso are flame retardant.



Standard dimensions:

Frame depth:	40 mm
	65 mm
Length and width:	500 x 1000 mm
	1000 x 1000 mm
	1000 x 1500 mm
	1000 x 2000 mm

Other dimensions are available on request.

Technical data:

Basic material	Noiseflex® MH (melamine resin foam) Noiseflex® Conso (polyester fibres)
Colour	Aluminium frame, silver anodised fabric cover with print design or according to colour chart
Density	approx. 48 kg / m ³ (Noiseflex® Conso) approx. 9 kg / m ³ (Noiseflex® MH)



Fabric cover:

Camira: Xtreme =	100 % polyester
Print fabric =	100 % polyester

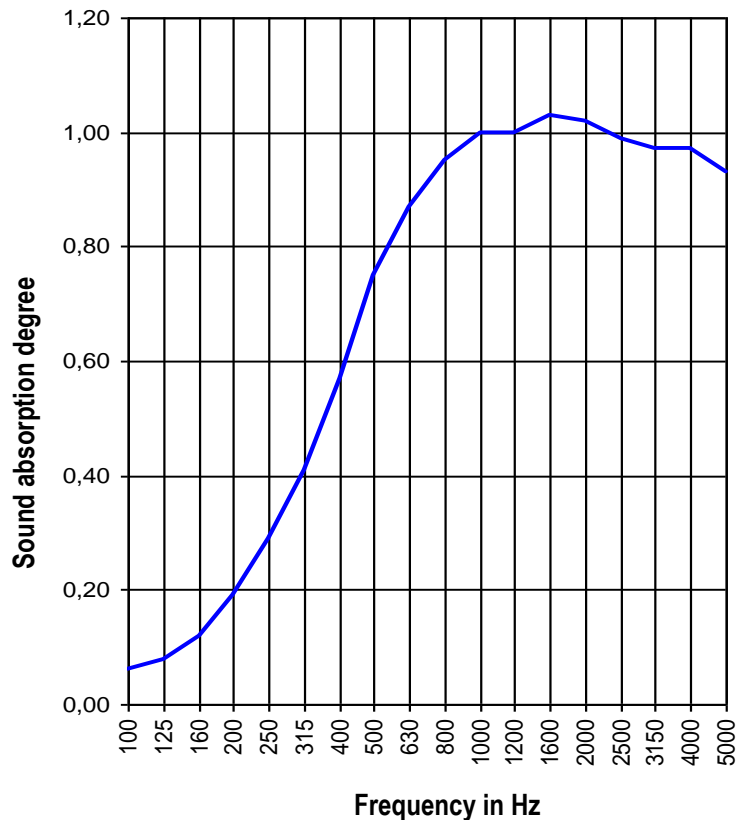
Reaction to fire:

Noiseflex® MH:	B1 – flame retardant to DIN 4102
Noiseflex® Conso:	B1 – flame retardant to DIN 4102
Fabric cover:	B1 – flame retardant to DIN 4102 (possible on request)

Sound absorption of Noiseflex® Picture Plus, 40 mm frame, in reverberation chamber according to. DIN EN ISO 354
 8 differently sized elements lying on the floor, test area 10.5 m²
 Filling 25 mm Noiseflex® MH with fabric cover with print design.

Room volume: 391.6 m³ Test sound: Broadband noise
 Room surface: 322.2 m² Receiver filter: Third octave band filter
 Test date: Aug. 21, 2012 Testing body: TÜV Rheinland LGA Products GmbH (Test report no. 21188917)

Sound absorption degree α		
Frequency [Hz]	Third octaves	Oktaves
	α	α
100	0.06	0.09
125	0.08	
160	0.12	
200	0.19	0.30
250	0.29	
315	0.41	
400	0.57	0.73
500	0.75	
630	0.87	
800	0.95	0.98
1000	1.00	
1200	1.00	
1600	1.03	1.01
2000	1.02	
2500	0.99	
3150	0.97	0.96
4000	0.97	
5000	0.93	



Individual value α_w to DIN EN ISO 11654	Noise absorption class to annex B of DIN EN ISO 11654	Noise reduction coefficient NRC to ASTM C 423
0.60 (M, H)	C	0.75

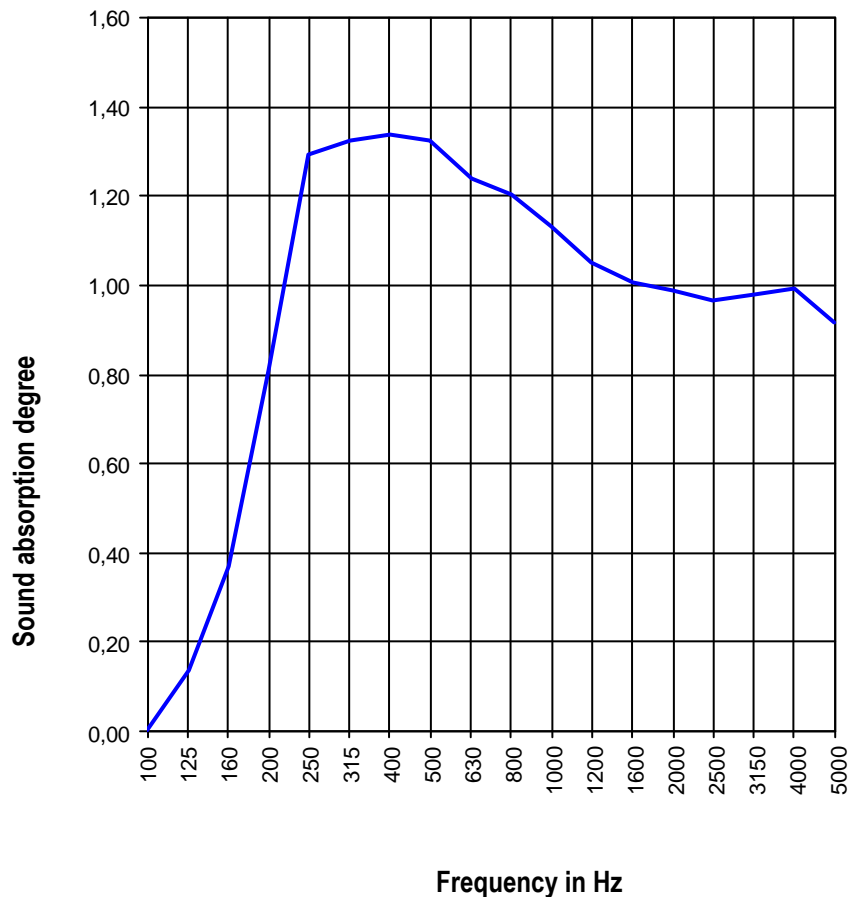
Sound absorption of Noiseflex® Picture Plus, 65 mm frame, in reverberation chamber according to. DIN EN ISO 354

10 elements lying on the floor, test area 10 m²

Filling 50 mm Noiseflex® MH with fabric cover with print design.

Room volume:	268.4 m ³	Test sound:	Sweep noise
Absorber surface:	10 m ²	Receiver filter:	Third octave band filter
Test date:	Feb. 11, 2016	Testing body:	BOSIG GmbH, Gingen/Fils

Sound absorption degree α		
Frequency [Hz]	Third octaves	Oktaves
	α	α
100	0.00	0.17
125	0.14	
160	0.37	
200	0.81	1.14
250	1.29	
315	1.33	
400	1.34	1.30
500	1.33	
630	1.24	
800	1.20	1.13
1000	1.13	
1200	1.05	
1600	1.01	0.99
2000	0.99	
2500	0.97	
3150	0.98	0.96
4000	0.99	
5000	0.92	



Individual value α_w to DIN EN ISO 11654	Noise absorption class to annex B of DIN EN ISO 11654	Noise reduction coefficient NRC to ASTM C 423
1,00	A	1,00

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.

Dr. Hermann, Anwendungstechnik / Application Technology, Gingen / Fils