



Noiseflex® Quadra Slim is a broadband absorber comprising Noiseflex® Conso with a stable aluminium frame in an attractive, coloured fabric cover. Noiseflex® Conso is an acoustic mat made of 100% PET-staple fibre. The fibres are thermally and mechanically reinforced without chemical bonding agents. Designer imagination will have free reign using attractive and colourful fabric covers.

Noiseflex® Conso offers a wide range of attractive properties. The salient quality characteristics are:

- Highly sound absorbent
- Low weight

The advantages of Noiseflex® Conso are exploited in a wide range of applications of Noiseflex® Quadra Slim in the field of acoustics, e.g. in offices, living areas, schools, nursery schools, event venues and wherever wall and ceiling surfaces cannot accommodate suitable acoustic damping. Given professional application, Noiseflex® Quadra Slim will drastically reduce reverberation times and sound levels.

Application:

The column absorber may be placed anywhere in the room. With its aluminium frame design, Noiseflex® Quadra Slim is very stable and its adjustable feet may be used to compensate for any unevenness in the floor. The fabric covers are available in different colours.



Physical properties:

The Noiseflex® Conso acoustic membrane is odourless and insoluble in grease or water. Product class I for baby articles in accordance with STANDARD 100 by OEKO-TEX® is achieved. It has low moisture absorption properties and is resistant against fungal and bacterial growth. In addition to excellent resistance to ageing, it is also UV resistant and will not rot. In addition to their high resistance to scrubbing, the Camira fabric covers are also very light fast and may be cleaned with a moist cloth if required (further information on request).

Fire resistant properties:

PET fibres Noiseflex® Conso:	B1 - flame resistant	DIN 4102-1: B1
Fabric covers:	B1 - flame resistant	DIN 4102-1: B1 (possible on request)

Standard size:

1 000 x 350 x 350 mm (other dimensions on request)

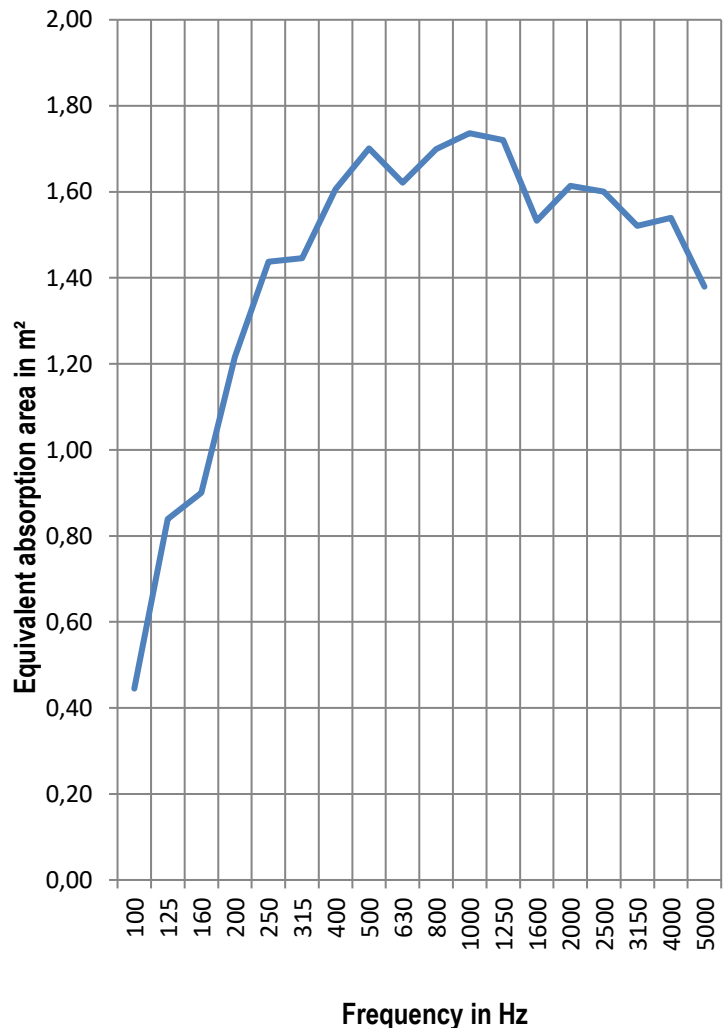
Fabric covers:	- Camira Xtreme (colours as per fabric pattern card)	100% Polyester
	- Camira Château (colours as per fabric pattern card)	100% Polypropylen
	- Camira Nexus (colours as per fabric pattern card)	100% Polyester

Noiseflex® Quadra 1 100 x 350 x 350 mm sound absorption in the reverberation chamber based on DIN EN ISO 354
4 objects randomly distributed in the room.

Room volume: 85.92 m³
Room surface: 122.48 m²
Test date: 13.02.2015

Test sound: Broadband noise
Reception filter: Third octave band filter
Testing body: Bosig GmbH, Gingen/Fils

Equivalent sound absorption area A per element		
Frequency [Hz]	Third octaves	Octaves
	A [m ²]	A [m ²]
100	0.44	0.7
125	0.84	
160	0.90	
200	1.22	1.4
250	1.44	
315	1.45	
400	1.61	1.6
500	1.70	
630	1.62	
800	1.70	1.7
1000	1.74	
1200	1.72	
1600	1.53	1.6
2000	1.61	
2500	1.60	
3150	1.52	1.5
4000	1.54	
5000	1.38	



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