Technical Information

Noiseflex® Quadra Slim

GEBRAUCHSMUSTER GESCHÜTZT
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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.

TEXTILES VERTRAUEN
Geprüft auf Schadstoffe
nach Oeko-Tex® Standard 100
94.0.9942 Hohenstein

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

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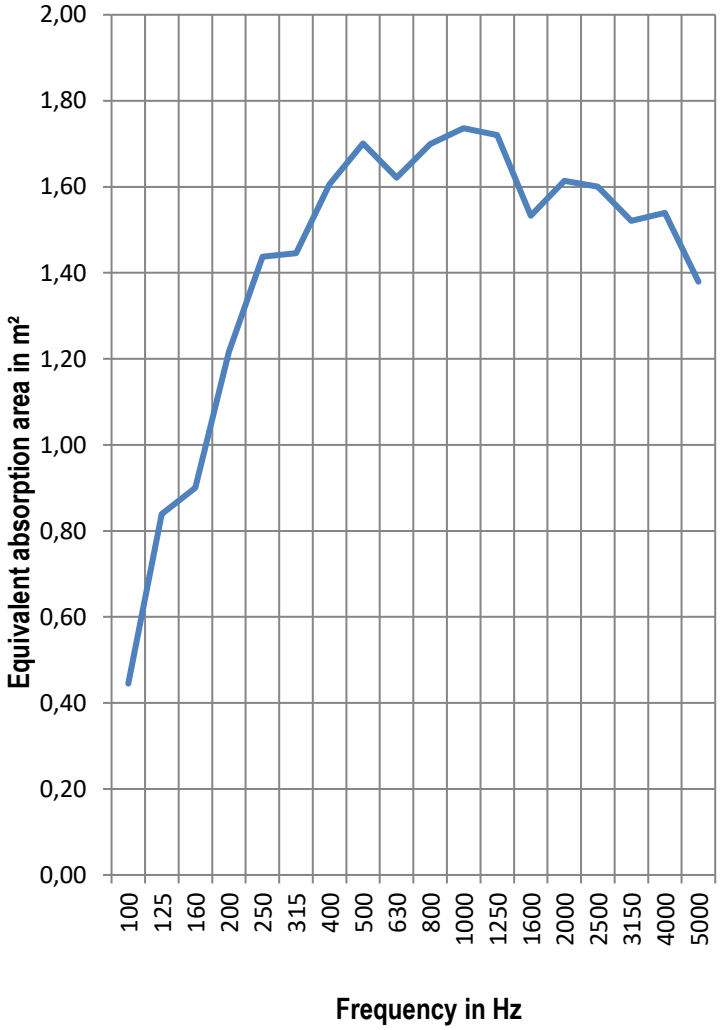
Noiseflex® Quadra 1 100 x 350 x 350 mm sound absorption in the reverberation chamber based on DIN EN ISO 354
4 objects randomly distributed in the room.

Room volume:	85.92 m³	Test sound:	Broadband noise
Room surface:	122.48 m²	Reception filter:	Third octave band filter
Test date:	13.02.2015	Testing body:	Bosig GmbH, Gingen/Fils

Equivalent sound absorption area A per element		
Frequency [Hz]	Third octaves	Octaves
	A [m²]	A [m²]
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:
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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, 2023. Please request the latest version after Jan. 01, 2024.

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