Technical Information

Noiseflex® Quadra Conso

Noiseflex® Quadra Conso is a broadband absorber comprising Noiseflex® Conso 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 Conso 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 Conso will drastically reduce reverberation times and sound levels.

Application:
The column absorber may be placed anywhere in the room. Noiseflex® Quadra Conso is very stable. 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 smoothened surface:	B-s1, d0 – flame resistant	DIN EN 13501-1
Fabric covers:	B1 - flame resistant possible on request	DIN 4102-1

Standard size:
340 x 340 x 2000 mm (other dimensions available 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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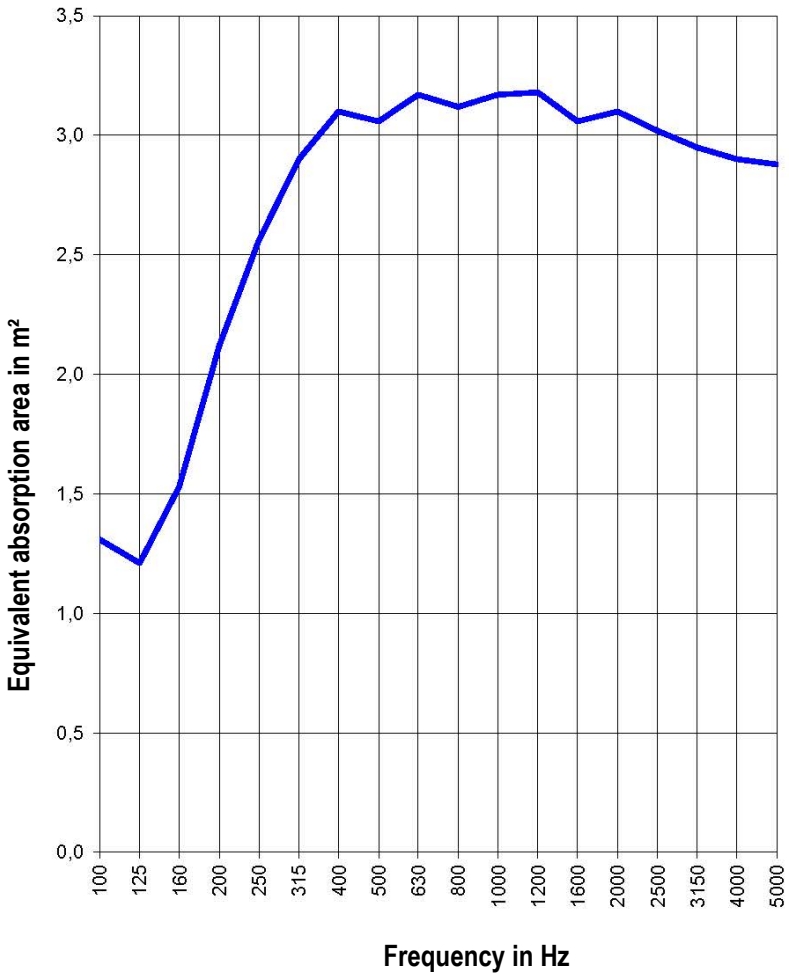
Noiseflex® Quadra Conso 340x340 x 2000 mm sound absorption in the reverberation chamber based on DIN EN ISO 354
4 objects randomly distributed in the room.

Room volume:	256.67 m³	Test date:	17.05.2023
Room surface:	265.58 m²	Test sound:	Broadband noise
Absorber surface:	2.9 m²	Reception filter:	Third octave band filter
		Testing body:	BOSIG GmbH, Gingen/Fils

Equivalent sound absorption area A per element		
Frequency [Hz]	Third octaves A [m²]	Octaves A [m²]
100	1.3	1.4
125	1.2	
160	1.5	
200	2.1	2.5
250	2.6	
315	2.9	
400	3.1	3.1
500	3.1	
630	3.2	
800	3.1	3.2
1000	3.2	
1200	3.2	
1600	3.1	3.1
2000	3.1	
2500	3.0	
3150	3.0	2.9
4000	2.9	
5000	2.9	



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This technical data sheet replaces all previous versions and is valid until a new version is issued, or until Dec. 31, 2026. Please request the latest version after Jan. 01, 2027.

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