Technical Information

BOSIG) NOISEFICX Conso grey 50 mm smoothened surface

Product description:

Sound absorbing acoustic pad made of polyester, thermally strengthened, without chemical binders. Both surfaces smoothened.

Technical data:

Material
Thickness
Colour
Weight per unit area
Maximum dimension (length x width)

100 % polyester fibres 50 mm grey 2500 g / m² 2.48 m x 1.25 m





STANDARD 100

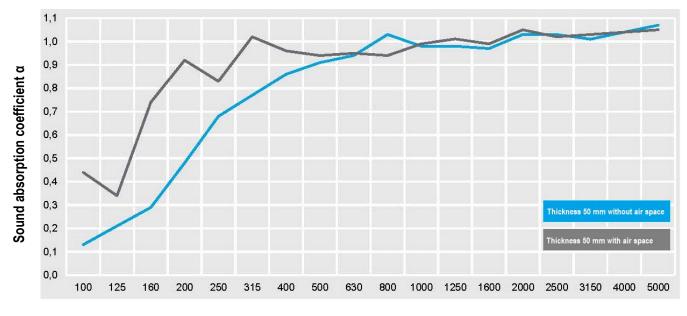
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Sound absorbing properties:

	Without air space to the reverberation chamber	With 200 mm air space to the reverberation chamber	Standard
Weighted sound absorption coefficient aw	0.90	1	DIN EN ISO 11654
Sound absorption class	А	А	DIN EN ISO 11654
Noise Reduction Coefficient NRC	0.90	0.95	ASTM C 423
Sound Absorption Average (SAA)	0.89	0.97	ASTM C 423

Specific flow resistivity	650 Pa·s/m	DIN EN ISO 9053-1
Linear flown resistivity	13.0 kPa·s/m²	DIN EN ISO 9053-1

Sound absorption in reverberation chamber in accordance with DIN EN ISO 354:



Frequency [Hz]

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Fire behaviour: Classification according to DIN EN 13501-1		B-s1, d0	
Emission behaviour DIN EN Requirements Germany Requirements France Requirements Belgium	16516: AgBB-Schema VOC-class A+ VOC-directive	comply comply comply	
Impact of microorganisms: Inert for fungal and bacterial	growth	comply	DIN EN ISO 846, method A and C
Thermal insulation behaviou Thermal conductivity Thermal insulation factor	ır:	λ ₁₀ = 0.0376 W/(m·K) R ₁₀ = 1.5 m²·K/W	following DIN EN 12667 following DIN EN 12667
Light reflection: Light reflectance factor Degree of gloss		26.3 % GU 1.5	BS 8493, with standard illuminant D65 DIN EN ISO 2813
Resistance to fading: Note		> 6	DIN EN ISO 105-B02

Attention! Important Note:

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

BOSIG GmbH

D - 73333 Gingen, Brunnenstraße 75 - 77

Telephone +49(0)7162-40 99-0 Fax +49(0)7162-40 99-200

www.bosig.de info@bosig.de

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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.