

Nofisol[®]

Seal S

Data sheet



45/50

So much more than just a sound barrier

Nofisol® Seal S 45/50



Dimensions Nofisol® Seal S 45/50

Length	1200/ 600 mm*
Height	600 mm*
Thickness	45 mm

*Different dimensions on request

Performance

Sound absorption | Ceiling

125 Hz 250 Hz 500 Hz 1 KHz 2 KHz 4 kHz

	125 Hz	250 Hz	500 Hz	1 KHz	2 KHz	4 kHz
	0.18	0.65	1.02	0.91	0.99	0.92
Oct 1/3	0.40	0.89	0.98	0.95	0.96	0.89
	0.57	0.97	0.94	0.97	0.94	0.79
Oct 1/1	0.38	0.84	0.98	0.94	0.96	0.87

Absorption Class A
 α_w (ISO 11654) 0.95
 SAA (ASTM-C423) 0.93



Sound absorption | Wall

125 Hz 250 Hz 500 Hz 1 KHz 2 KHz 4 kHz

	125 Hz	250 Hz	500 Hz	1 KHz	2 KHz	4 kHz
	0.08	0.38	0.84	0.90	0.93	0.93
Oct 1/3	0.13	0.60	0.87	0.91	0.92	0.88
	0.30	0.75	0.91	0.93	0.92	0.81
Oct 1/1	0.17	0.58	0.87	0.91	0.92	0.87

Absorption Class B
 α_w (ISO 11654) 0.85
 SAA (ASTM-C423) 0.82

Smoke & Fire behaviour

Euro Fire Class

A2-s1,d0

Sustainability



“Building a Greener Future: Certified for Sustainability, Committed to Excellence”

Cradle to Cradle Certified® Bronze v4.0

Globally leading standard that evaluates products across six key areas:

- Environmental Policy and Management;
- Material Health;
- Product Circularity;
- Clean Air and Climate Protection;
- Water and Soil Stewardship;
- Social Fairness.

Eurofins Indoor Air Comfort GOLD

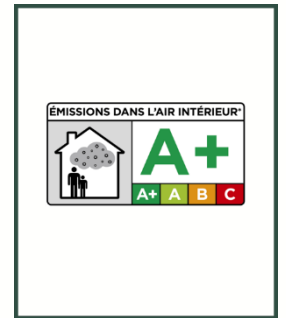
Top indoor quality standards. Our Eurofins Indoor Air Comfort GOLD certificate confirms that our products meet strict European VOC emission standards, contributing to a healthier indoor environment.

LCA / EPD

We use Life Cycle Assessments (LCA) and Environmental Product Declarations (EPD) to ensure our products have minimal environmental impact. Listed in both the International and Dutch database.

French VOC A+

Highest standards for low emissions, earning French VOC A+. This rating confirms that our materials emit minimal harmful substances, contributing to superior indoor air quality.



Specifications

Seal S 45/50

Length	600/1200/ on request
Width	600 mm
Thickness	45 mm
Density	45 kg/ m ³

Product details

Foil	Black HDPE foil Micro perforated
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Performance

Sound absorption Ceiling	Class A
	α_w (ISO 11654) – 0.95
	SAA (ASTM-C423) – 0.93
Sound absorption Wall	Class B
	α_w (ISO 11654) – 0.85
	SAA (ASTM-C423) – 0.82

Sustainability

Cradle to Cradle Certified®	Bronze v 4.0
Carbon footprint (CO2)	Zero Biogenic Carbon at factory gate
Indoor Air Climate	Class A+
Eurofins VOC	Indoor Air Comfort GOLD version 9.0
LCA – Life Cycle Analyse	PDF Available
EPD – Environmental Product Declaration	PDF Available
PCD – Product Climate Declaration	PDF Available

Database

Eurofins Indoor Air Comfort GOLD	Go to database
Cradle to Cradle – C2C	Go to database
Dutch Environmental Database (NMD)	Go to database
International EPD	Go to database



Contact

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Disclaimer

De informatie in dit document is uitsluitend bedoeld voor informatieve doeleinden. Voor projectspecifiek (installatie)advies raden wij aan om rechtstreeks contact met ons op te nemen.

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