

Nofisol[®]

Seal S

Data sheet



40/40

So much more than just a sound barrier

Nofisol® Seal S 40/40



Dimensions Nofisol® Seal S 40/40

Length	1200/ 600 mm*
Height	600 mm*
Thickness	40 mm

*Different dimensions on request

Performance

Sound absorption | Ceiling

	125 Hz	250 Hz	500 Hz	1 KHz	2 KHz	4 kHz
	0.14	0.61	1.01	0.95	1.01	0.94
Oct 1/3	0.38	0.87	1.02	0.94	1.02	0.91
	0.57	0.97	0.99	0.99	0.96	0.81
Oct 1/1	0.36	0.82	1.01	0.96	1.00	0.89

Absorption Class A
 α_w (ISO 11654) 1.00
 SAA (ASTM-C423) 0.95

Sound absorption | Wall

	125 Hz	250 Hz	500 Hz	1 KHz	2 KHz	4 kHz
	0.06	0.24	0.76	0.83	0.96	0.89
Oct 1/3	0.09	0.46	0.86	0.93	0.94	0.90
	0.20	0.65	0.88	0.97	0.92	0.79
Oct 1/1	0.12	0.45	0.83	0.92	0.94	0.86

Absorption Class B
 α_w (ISO 11654) 0.75
 SAA (ASTM-C423) 0.79

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

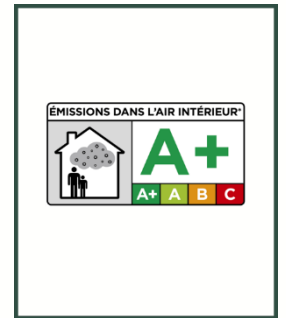
Top indoor quality standards. Our Eurofins Indoor Air Comfort GOLD certificate confirms that our products meet strict European VOC emission standards, contributing to a healthier indoor environment.

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 40/40

Length	600/1200/ on request
Width	600 mm
Thickness	15 mm
Density	40 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) – 1.00
	SAA (ASTM-C423) – 0.95
Sound absorption Wall	Class B
	α_w (ISO 11654) – 0.75
	SAA (ASTM-C423) – 0.79

Sustainability

Cradle to Cradle Certified®	Bronze v 4.0
Carbon footprint (CO ₂)	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

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