

Nofisol[®]

Seal S

Data sheet



100/20

So much more than just a sound barrier

Nofisol® Seal S 100/20



Dimensions Nofisol® Seal S 100/20

Length	1200/ 600 mm*
Height	600 mm*
Thickness	20 mm

*Different dimensions on request

Performance

Sound absorptn | Ceiling

	125 Hz	250 Hz	500 Hz	1 KHz	2 KHz	4 kHz
	0.13	0.51	0.94	0.94	0.93	0.98
Oct 1/3	0.33	0.70	0.90	0.87	1.00	0.90
	0.49	0.85	0.97	0.81	1.00	0.82
Oct 1/1	0.32	0.69	0.94	0.87	0.98	0.90

Absorption
 α_w (ISO 11654) Class A
SAA (ASTM-C423) 0.90
0.87

Sound absorptn | Wall

	125 Hz	250 Hz	500 Hz	1 KHz	2 KHz	4 kHz
	0.02	0.08	0.39	0.69	0.92	0.92
Oct 1/3	0.06	0.16	0.50	0.77	0.95	0.89
	0.08	0.27	0.63	0.86	0.96	0.81
Oct 1/1	0.05	0.17	0.51	0.77	0.94	0.87

Absorption
 α_w (ISO 11654) Class D
SAA (ASTM-C423) 0.45
0.60

Smoke & Fire behaviour

Euro Fire Class
Stonewool A1*
HDPE foil B-s1,d0

* According to statement from the stone wool manufacturer.

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 100/20

Length	600/1200/ on request
Width	600 mm
Thickness	20 mm
Density	100 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) – 0.90
	SAA (ASTM-C423) – 0.87
Sound absorption Wall	Class D
	α_w (ISO 11654) – 0.45
	SAA (ASTM-C423) – 0.60

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

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