

# Nofisol<sup>®</sup>

## 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  
 $\alpha_w$  (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  
 $\alpha_w$  (ISO 11654) 0.85  
 SAA (ASTM-C423) 0.82

### 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

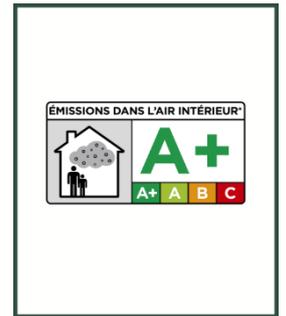
Top indoor quality standards. Our Eurofins Indoor Air Comfort GOLD certificate confirms that our products meet strict European VOC emission standards, contributing to a healthier indoor environment.

## 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 45/50

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

## Product details

Foil	Black HDPE foil Micro perforated
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## Performance

Sound absorption   Ceiling	Class A
	$\alpha_w$ (ISO 11654) – 0.95
	SAA (ASTM-C423) – 0.93
Sound absorption   Wall	Class B
	$\alpha_w$ (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	<a href="#">Go to database</a>
Cradle to Cradle – C2C	<a href="#">Go to database</a>
Dutch Environmental Database (NMD)	<a href="#">Go to database</a>
International EPD	<a href="#">Go to database</a>



## 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.

Dit productblad is samengesteld op basis van de huidige stand van de techniek en de toepasselijke wetten en regelgeving. Aangezien zowel wetten en regelgeving als de stand van de techniek aan veranderingen onderhevig zijn, kan dit productblad eveneens wijzigingen ondergaan. Wij raden sterk aan om altijd na te gaan of u de meest recente versie van dit productblad heeft. Aan dit productblad kunnen geen rechten of verplichtingen worden ontleend.