

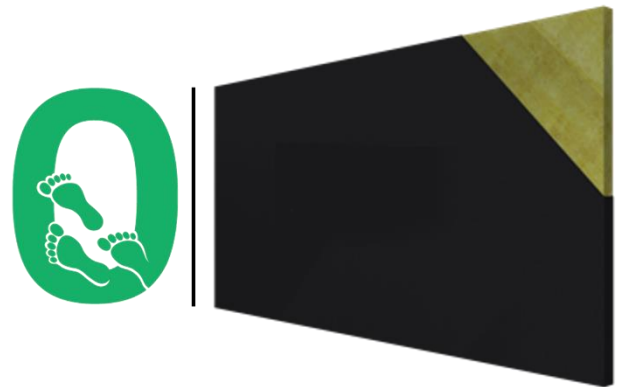
NOFISOL® Seal S 100/20

NOFISOL® Seal S 100/20 is a non self-supporting stonewool slab sealed in a black HDPE foil. The acoustical panels can be used on top of a suspended ceiling and/or in a wall to improve the overall room acoustics.

Technical Data :

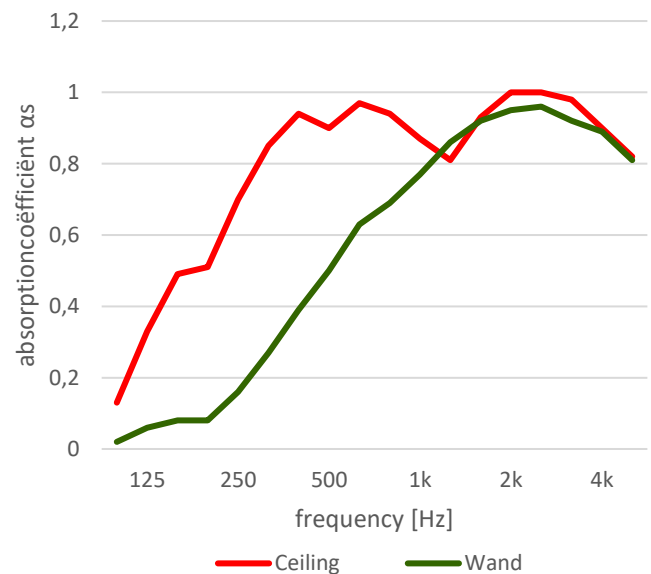
Length	: 1200 / 600 mm, other sizes on demand
Width	: 600 / 300 mm, other sizes on demand
Thickness	: 20 mm
Stonewool	: Density 100 kg/m ³
Foil	: Matt black HDPE Foil
Perforation	: Micro perforated
Thickness Foil	: Acoustical open, 0.03 mm

Eurofins VOC	: Indoor Air Comfort
CSTB VOC	: Class A
Cradle to Cradle Certified®	: Silver v3.1
Biogenic Carbon Content	: Zero Footprint at factory gate



Sound absorption

Ceiling	125 Hz	250 Hz	500 Hz	1k Hz	2k Hz	4k Hz
	0.13	0.51	0.94	0.94	0.93	0.98
1/3 oct.	0.33	0.70	0.90	0.87	1.00	0.90
	0.49	0.85	0.97	0.81	1.00	0.82
1/1 oct.	0.32	0.69	0.94	0.87	0.98	0.90
Wall	125 Hz	250 Hz	500 Hz	1k Hz	2k Hz	4k Hz
	0.02	0.08	0.39	0.69	0.92	0.92
1/3 oct.	0.06	0.16	0.50	0.77	0.95	0.89
	0.08	0.27	0.63	0.86	0.96	0.81
1/1 oct.	0.05	0.17	0.51	0.77	0.94	0.87



Ceiling

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

Wall

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

Euro fire classe

Stonewool : A1
HDPE Folie : B-s1,d0

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KvK : 20124896
BTW nr : NL8156.99.761.B01
IBAN : NL46 RABO 0106 2819 33

Cradle to Cradle Certified® - click for [database](#)

Level	: Silver 3.1
Material Health	: Silver v3.1
Product Circularity level	: Silver v3.1
Renewable Energy	: Gold v3.1
Carbon Management	: Gold v3.1
Water & Soil Stewardship	: Platinum v3.1
Social Fairness	: Gold v3.1



Eurofins VOC Audit & Certification – click for [database](#)

Level	: Indoor Air Comfort
	: Regular Inspection of production facility and;
	: Regular product testing by Eurofins for VOC Emissions
French VOC Regulation	: Class A
German AgBB/ABG	: Pass
EU Taxonomy Regulation	: Pass
Italian CAM Edilizia	: Pass
Belgium VOC Regulation	: Pass



Environmental Product Declaration / Life Cycle Analysis

A Life Cycle Analysis has been carried out for Nofisol Seal S and EPDs have been drawn up in accordance with both the guidelines of the Dutch National Environmental Database and the International Database. Separate EPDs have been drawn up by EIG for both systems and are at the moment reviewed by an independent third party (officially recognized by the relevant Database).

Click for [Nationale Milieu Database](#)
Click for [The International EPD® System](#)



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