

Nofisol®

Standard Barrier

Data sheet

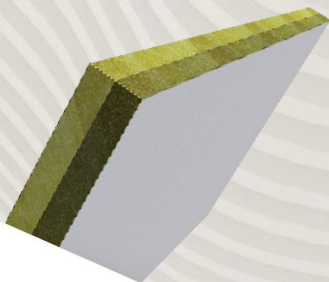


33-LP

So much more than just a sound barrier

Standard Barrier

Nofisol® 33-LP



Dimensions Nofisol® barrier

Length	1200 mm
Height	Variable between 80 – 2000 mm
Thickness	60 mm

*Different dimensions on request

Performance

Sound Insulations

	125 Hz	250 Hz	500 Hz	1 KHz	2 KHz	4 kHz
	10.3	22.1	30.6	36.7	38.9	44.8
Oct 1/3	11.3	26.9	33.0	30.1	41.5	47.2
	15.9	29.1	35.3	28.1	42.7	51.2
Oct 1/1	11.9	24.8	32.6	30.4	40.7	47.0

Sound insulation: $R_w(C;Ctr) = 33 (-3,-8)$ dB ISO 717-1:1996

Smoke & Fire behaviour

Smoke Resistance
Smoke Permeability

Euro Fire Class Nofisol® 33-LP Barrier

202 min. based on NEN 6075:2011
Sa/ S200 based on NEN 6075:2020

A2-s1,d0*

Fire resistance

Integrity (E)
Heat Radiation (EW)
Thermal Insulation (EI)

E 30
EW 30
EI 30

* According to statement from the stonewool manufacturer.

Sustainability



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

Cradle to Cradle Certified® Silver 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

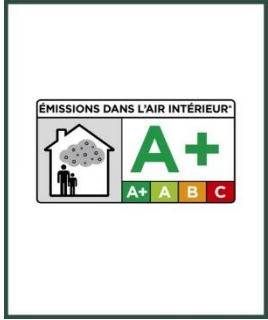
Top indoor quality standards. Our Eurofins Indoor Air Comfort Gold certificate confirms that our products meet strict European VOC emission standards, contributing to a healthier indoor environment.

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.



Installation

Sound installation



- Measure the height between wall and construction with a slight excess;
- Cut the aluminum foil of the base barrier slightly on both sides, then cut the base barrier on both sides with an insulation knife or saw with fine teeth;
- Place the base element in place and tilt into its final position.

Note: Taping of the seams is not necessary

Smoke installation



- Install the base element as per the above sound installation instructions;
- Extra processing, tape the base elements on both sides (airtight) with NOFISOL® Alu Tape, this concerns the seams with each other and with the surrounding building construction, the connection with the bandraster does not need to be taped.

Fire installation



- Prior to the installation of the base barriers place 2 strips of 12.5 mm plaster in the bandraster;
- Install the NOFISOL® barriers according to the above sound installation instructions;
- The seams between the base elements and with building construction must be provided with NOFISOL® fire-resistant adhesive. This adhesive must be applied in dots every 10 cm in the seams with each other and with the surrounding building construction (not the bandraster) using a caulking gun.

Note: Taping of the seams is not necessary

Also watch our assembly videos



Specifications

Base

Length	1200 mm
Height	600 / 1000 / on request
Thickness	66 mm
Weight	8-9 kg/m2

Nofisol EP Alu foil

Length	NPD
Height	NPD
Thickness	NPD
Weight	NPD

Performance

Sound insulation	Rw 33 dB	ISO 717-1:1996
Fire resistance	EI 30	EN 1364-1:1999
Smoke leakage	Sa / S200	EN 1634-3:2004 / NEN 6075:2020
Smoke resistance	202 minutes	NEN 6075:2020

Sustainability

Cradle to Cradle Certified®	Silver 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
In compliance with VOC emission related limit values	BREEAM New Construction LEED (ACP) Germany (AgBB/ABG) Italian CAM Edilizia French HQE Certification EU Taxonomy Regulation Well Building Global Green Tag Blue Angel DE-UZ 132 Nordic Swan Danish Indoor Climate Label (Emission class 1) Very low emitting products according to EN 16798-1
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

Everdenberg 9-d
4902 TT Oosterhout

+31 (0) 162 431 231
europa@nofisol.com
www.nofisol.com

Disclaimer

The information provided in this document is for informational purposes only. For project-specific (installation) advice, we recommend contacting us directly.

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