

# Nofisol® Standard Barrier

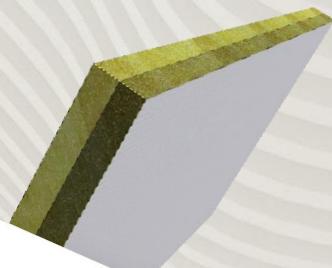
Data sheet



33-LP

So much more than just a sound barrier

# Standard Barrier Nofisol® 33-LP



## Dimensions Nofisol® barrier

Length  
Height  
Thickness

1200 mm  
Variable between 80 – 2000 mm  
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:  $R_w(C;Ctr) = 33 (-3, -8) \text{ dB ISO 717-1:1996}$



### Smoke & Fire behaviour

Smoke Resistance  
Smoke Permeability

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

Euro Fire Class Nofisol® 33-LP Barrier

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

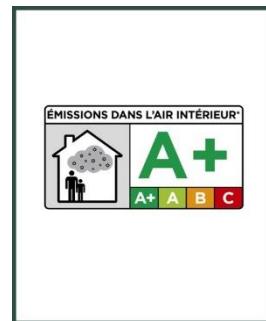
Top indoor quality standards. Our Eurofins Indoor Air Comfort Gold certificate confirms that our products meet strict European VOC emission standards, contributing to a healthier indoor environment.

## 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/m <sup>2</sup>

## 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 (CO <sub>2</sub> )	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	<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

Everdenberg 9-d  
4902 TT Oosterhout

+31 (0) 162 431 231  
[europe@nofisol.com](mailto:europe@nofisol.com)  
[www.nofisol.com](http://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.

This product sheet has been compiled based on the current state of technology and applicable laws and regulations. Since both laws and regulations, as well as the state of technology, are subject to change, this product sheet may also be subject to modifications. We strongly recommend that you always ensure you have the most current version of this product sheet. For details regarding the correct application, associated limitations, boundaries, and connections, we refer to the available Peutz Expert Judgements or request that you contact us. No rights or obligations can be derived from this product sheet.