

NOFISOL

SOUND OF SILENCE



NOFISOL®

Products Program v4.2



NOFISOL® 21 Standard Barrier

NOFISOL® 21 is an Sound Barrier specifically developed to seal the gaps above lightweight partition walls and below raised floors. The use of Nofisol 21 Sound Barriers boards improves the longitudinal noise insulation of a building

The NOFISOL®21 Barriers are always provided with a special glass fiber reinforced aluminum foil. The thickness of 60 mm is tailored to the standard 100 mm bandraaster that commonly used, this ensures a simple, well-connected mounting of the barriers to the construction below.

The Nofisol 21 Barriers are in stock in 3 sizes (1200x600 / 1200x1000 / 1200x2000mm), making 24-hour delivery possible. Deviating sizes are available within a few days, of course, depending on the requested quantities and dimensions.

Dimensions

NOFISOL® 21 Barrier

Length	: 1200 mm
Height	: 600 / 1000 / variable between 80-2000 mm
Thickness	: 60 mm



Performances

Sound insulation	: 21 dB
Fire resistance	: EW 30 / E 30
Smoke resistance	: 88 minutes
Smoke leakage	: Sa & S200
Eurofins VOC	: Indoor Air Comfort GOLD
French VOC Regulation	: Indoor Air Climate A+
Cradle to Cradle Certified®	: Silver v4.0
Biogenic Carbon Content	: Zero Footprint at factory gate

Sound Insulation

	125 Hz	250 Hz	500 Hz	1k Hz	2k Hz	4k Hz
	10.8	11.8	19.6	20.2	26.8	32.9
1/3 oct.	9.6	11.6	14.8	22.5	28.6	35.8
	11.1	13.5	14.6	24.8	30.5	38.9
1/1 oct.	10.5	12.2	15.8	22.1	28.4	35.2

Sound reduction: $R_w(C;Ctr) = 21 (-2,-3)$ dB ISO 717-1:1996



This product sheet has been compiled based on both the current state of technology and current legislation and regulations. Since both legislation and regulations as well as the state of the art are subject to changes, this product sheet is also subject to changes. It is therefore recommended that you always check whether you are in possession of the latest current edition of this product sheet. For details regarding the correct area of application, associated restrictions, boundaries and connections, we refer, among other things, to the Expert Judgments drawn up by Peutz BV, or we request that you contact us. No rights or obligations can be derived from this product sheet.

Nofisol Europe BV
Everdenberg 9-d
4902 TT Oosterhout

Postbus 4042
4900 CA Oosterhout

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

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

Fire Resistance

Integrity (E) : E 30
Heat radiation (W) : EW 30
Thermal insulation : NPD

Fire Behaviour

Fire Class
NOFISOL® 21 Barrier : A2-s1-d0

Smoke resistance / Smoke permeability

Smoke resistance : 88 min based on NEN 6075-2011
Smoke permeability : Sa / S200 based on EN 1634-3:2004 + AC: 2006

Classification Sa : Pass – Maximum seam length 39.2 m¹
Classification S200 : Pass – Maximum seam length 41.7 m¹

When determining the maximum NOFISOL® seam length, the connection of the bandrastrer with the underlying wall does not count.

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

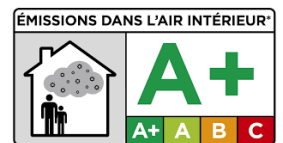
Level : Silver v4.0
Material Health : Silver v4.0
Product Circularity level : Silver v4.0
Renewable Energy : Silver v4.0
Carbon Management : Silver v4.0
Water & Soil Stewardship : Silver v4.0
Social Fairness : Silver v4.0



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

Level : Indoor Air Comfort GOLD
: Regular Inspection of production facility and;
: Regular product testing by Eurofins for VOC Emissions

French VOC Regulation	: Class A+	Belgium VOC Regulation	: Pass
German AgBB/ABG	: Pass	Italian CAM Edilizia	: Pass
EU Taxonomy Regulation	: Pass	LEED (ACP)	: Pass
BREEAM New Construction	: Pass	Well Building	: Pass
SKA Rating	: Pass	French HQE certification	: Pass
Blue Angel DE-UZ 132	: Pass	M1	: Pass
Danish Indoor Climate Label	: Emission Class 1	BVB Sweden	: Pass
Miljöbyggnad Sweden	: Pass	Nordic Swan	: Pass
Eco Product Norway	: Pass	Cradle to Cradle	: Pass
Very low emitting products	: according to EN 16798-1	Singapore	: Green label
Global Green Tag	: Pass	Declare 2.0	: Pass



Environmental Product Declaration / Life Cycle Analysis

A Life Cycle Analysis has been carried out for Nofisol 21 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 these have been checked and approved by independent third parties (officially recognized by the relevant Database).

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



This product sheet has been compiled based on both the current state of technology and current legislation and regulations. Since both legislation and regulations as well as the state of the art are subject to changes, this product sheet is also subject to changes. It is therefore recommended that you always check whether you are in possession of the latest current edition of this product sheet. For details regarding the correct area of application, associated restrictions, boundaries and connections, we refer, among other things, to the Expert Judgments drawn up by Peutz BV, or we request that you contact us. No rights or obligations can be derived from this product sheet.

Nofisol Europe BV
Everdenberg 9-d
4902 TT Oosterhout

Postbus 4042
4900 CA Oosterhout

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

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

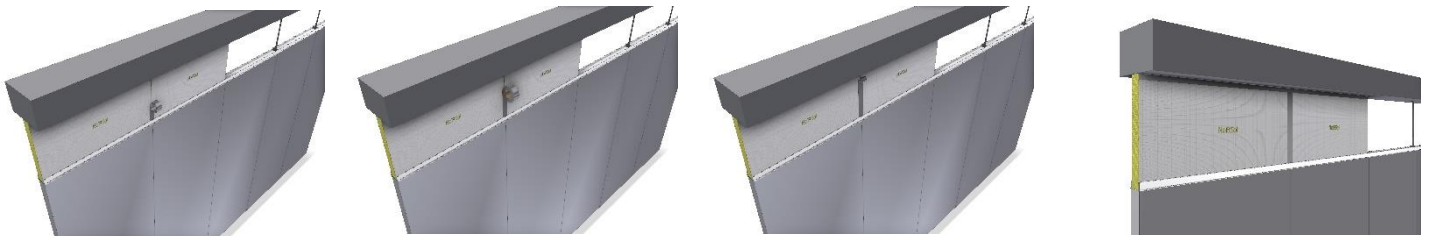
Installation (short)

NOFISOL® 21 dB as Sound Barrier

Measure the NOFISOL® 21 Barrier with a small excess, so that it can be fitted tightly between the constructions. The NOFISOL® 21 Barriers can be made to measure on site using, among other things, an insulation knife or saw with fine teeth. Before cutting/sawing to size, mark off the correct height and cut the aluminum foil on both sides of the bulkhead. Place the barrier in place and tilt it into its final position. Taping the seams with each other and with the surrounding building construction with NOFISOL® Alu tape is **NOT** necessary

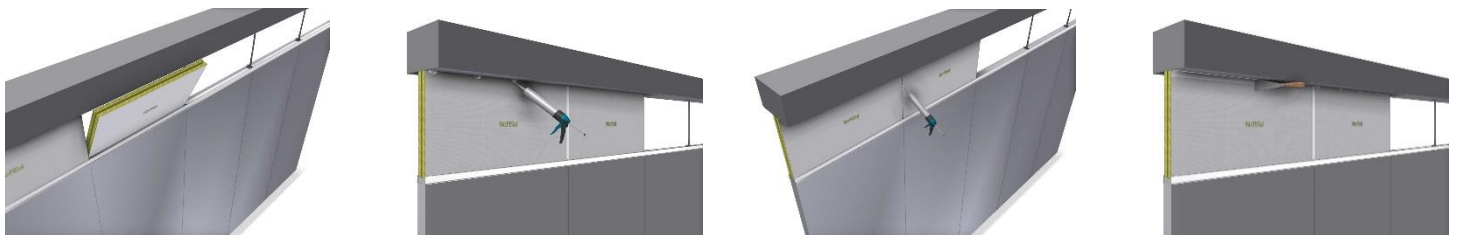
EXTRA processing when used as Smoke Barrier

Tape the NOFISOL® 21 Barriers 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



EXTRA processing when used as Fire Barrier

Prior to the installation of the NOFISOL® 21 Barriers, place 2 strips of 12.5 mm plaster in the bandraster. Install the NOFISOL® 21 Barriers according to the installation instructions "Sound barrier". The seams between the barriers and the structural structure must also be provided with NOFISOL® fire-resistant adhesive. The NOFISOL® fire-resistant 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. Taping the seams with each other and with the surrounding building construction with NOFISOL® Alu tape is **NOT** necessary.



For detailed installation instructions, please refer to our website www.nofisol.co.uk.

NOFISOL® 22 Standard Barrier

NOFISOL® 22 is an Sound Barrier specifically developed to seal the gaps above lightweight partition walls and below raised floors. The use of Nofisol 22 Sound Barriers boards improves the longitudinal noise insulation of a building

The NOFISOL®22 Barriers are always provided with a special glass fiber reinforced aluminum foil. The thickness of 60 mm is tailored to the standard 100 mm bandraaster that commonly used, this ensures a simple, well-connected mounting of the barriers to the construction below.

The Nofisol 22 Barriers are in stock in 3 sizes (1200x600 / 1200x1000 / 1200x2000mm), making 24-hour delivery possible. Deviating sizes are available within a few days, of course, depending on the requested quantities and dimensions.

Dimensions

NOFISOL® 22 Barrier

Length	: 1200 mm
Height	: 600 / 1000 / variable between 80-2000 mm
Thickness	: 60 mm

Performances

Sound insulation	: 22 dB
Fire resistance	: EW 30 / E 30
Smoke resistance	: 88 minutes
Smoke leakage	: Sa & S200
Eurofins VOC	: Indoor Air Comfort GOLD
French VOC Regulation	: Indoor Air Climate A+
Cradle to Cradle Certified®	: Silver v4.0
Biogenic Carbon Content	: Zero Footprint at factory gate

Sound Insulation

	125 Hz	250 Hz	500 Hz	1k Hz	2k Hz	4k Hz
	10.1	11.9	19.6	20.4	27.1	33.6
1/3 oct.	9.6	11.6	15.0	22.7	29.1	36.6
	11.1	13.4	14.6	25.1	31.0	39.8
1/1 oct.	10.2	12.2	15.9	22.3	28.8	36.0

Sound reduction: $R_w(C;Ctr) = 22 (-2,-4)$ dB ISO 717-1:1996



This product sheet has been compiled based on both the current state of technology and current legislation and regulations. Since both legislation and regulations as well as the state of the art are subject to changes, this product sheet is also subject to changes. It is therefore recommended that you always check whether you are in possession of the latest current edition of this product sheet. For details regarding the correct area of application, associated restrictions, boundaries and connections, we refer, among other things, to the Expert Judgments drawn up by Peutz BV, or we request that you contact us. No rights or obligations can be derived from this product sheet.

Nofisol Europe BV
 Everdenberg 9-d
 4902 TT Oosterhout

Postbus 4042
 4900 CA Oosterhout

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

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

Fire Resistance

Integrity (E) : E 30
Heat radiation (W) : EW 30
Thermal insulation : NPD

Fire Behaviour

Fire Class
NOFISOL® 22 Barrier : A2-s1-d0

Smoke resistance / Smoke permeability

Smoke resistance : 88 min based on NEN 6075-2011
Smoke permeability : Sa / S200 based on EN 1634-3:2004 + AC: 2006

Classification Sa : Pass – Maximum seam length 39.2 m¹
Classification S200 : Pass – Maximum seam length 41.7 m¹

When determining the maximum NOFISOL® seam length, the connection of the bandrastrer with the underlying wall does not count.

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

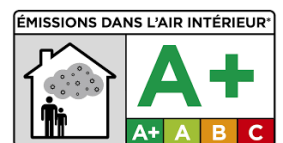
Level : **Silver v4.0**
Material Health : Silver v4.0
Product Circularity level : Silver v4.0
Renewable Energy : Silver v4.0
Carbon Management : Silver v4.0
Water & Soil Stewardship : Silver v4.0
Social Fairness : Silver v4.0



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

Level : **Indoor Air Comfort GOLD**
: Regular Inspection of production facility and;
: Regular product testing by Eurofins for VOC Emissions

French VOC Regulation	: Class A+	Belgium VOC Regulation	: Pass
German AgBB/ABG	: Pass	Italian CAM Edilizia	: Pass
EU Taxonomy Regulation	: Pass	LEED (ACP)	: Pass
BREEAM New Construction	: Pass	Well Building	: Pass
SKA Rating	: Pass	French HQE certification	: Pass
Blue Angel DE-UZ 132	: Pass	M1	: Pass
Danish Indoor Climate Label	: Emission Class 1	BVB Sweden	: Pass
Miljöbyggnad Sweden	: Pass	Nordic Swan	: Pass
Eco Product Norway	: Pass	Cradle to Cradle	: Pass
Very low emitting products	: according to EN 16798-1	Singapore	: Green label
Global Green Tag	: Pass	Declare 2.0	: Pass



Environmental Product Declaration / Life Cycle Analysis

A Life Cycle Analysis has been carried out for Nofisol 22 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 these have been checked and approved by independent third parties (officially recognized by the relevant Database).

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



This product sheet has been compiled based on both the current state of technology and current legislation and regulations. Since both legislation and regulations as well as the state of the art are subject to changes, this product sheet is also subject to changes. It is therefore recommended that you always check whether you are in possession of the latest current edition of this product sheet. For details regarding the correct area of application, associated restrictions, boundaries and connections, we refer, among other things, to the Expert Judgments drawn up by Peutz BV, or we request that you contact us. No rights or obligations can be derived from this product sheet.

Nofisol Europe BV
Everdenberg 9-d
4902 TT Oosterhout

Postbus 4042
4900 CA Oosterhout

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

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

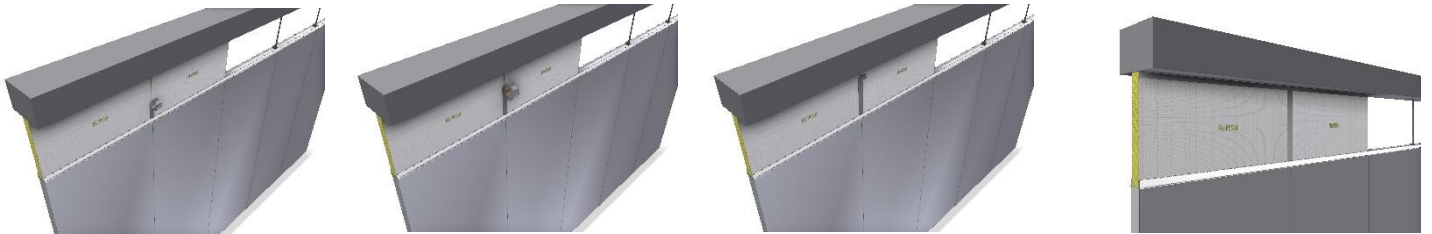
Installation (short)

NOFISOL® 22 dB as Sound Barrier

Measure the NOFISOL® 22 Barrier with a small excess, so that it can be fitted tightly between the constructions. The NOFISOL® 22 Barriers can be made to measure on site using, among other things, an insulation knife or saw with fine teeth. Before cutting/sawing to size, mark off the correct height and cut the aluminum foil on both sides of the bulkhead. Place the barrier in place and tilt it into its final position. Taping the seams together and onto the surrounding structure with NOFISOL® Alu tape is only on one side required

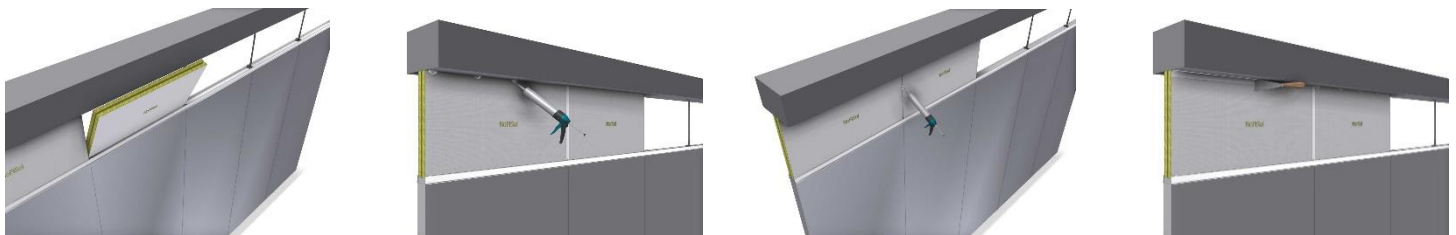
EXTRA processing when used as Smoke Barrier

Tape the NOFISOL® 22 Barriers 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



EXTRA processing when used as Fire Barrier

Prior to the installation of the NOFISOL® 22 Barriers, place 2 strips of 12.5 mm plaster in the bandraster. Install the NOFISOL® 22 Barriers according to the installation instructions "Sound barrier". The seams between the barriers and the structural structure must also be provided with NOFISOL® fire-resistant adhesive. The NOFISOL® fire-resistant 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. Taping the seams with each other and with the surrounding building construction with NOFISOL® Alu tape is NOT necessary.



For detailed installation instructions, please refer to our website www.nofisol.co.uk.

NOFISOL® 31 Standard Barrier

NOFISOL® 31 is an Sound Barrier specifically developed to seal the gaps above lightweight partition walls and below raised floors. The use of Nofisol 31 Sound Barriers boards improves the longitudinal noise insulation of a building

The NOFISOL®31 Barriers are always provided with a special glass fiber reinforced aluminum foil. The thickness of 60 mm is tailored to the standard 100 mm bandraaster that commonly used, this ensures a simple, well-connected mounting of the barriers to the construction below.

The Nofisol 31 Barriers are in stock in 3 sizes (1200x600 / 1200x1000 / 1200x2000mm), making 24-hour delivery possible. Deviating sizes are available within a few days, of course, depending on the requested quantities and dimensions.

Dimensions

NOFISOL® 31 Barrier

Length	: 1200 mm
Height	: 600 / 1000 / variable between 80-2000 mm
Thickness	: 60 mm



Performances

Sound insulation	: 31 dB
Fire resistance	: EI 30
Smoke resistance	: 202 minutes
Smoke leakage	: Sa & S200
Eurofins VOC	: Indoor Air Comfort GOLD
French VOC Regulation	: Indoor Air Climate A+
Cradle to Cradle	: Silver v4.0

Sound Insulation

	125 Hz	250 Hz	500 Hz	1k Hz	2k Hz	4k Hz
	13.4	20.1	28.0	32.1	29.4	35.8
1/3 oct.	12.7	23.6	29.4	34.3	34.5	38.6
	14.8	25.4	29.4	26.0	34.9	44.0
1/1 oct.	13.5	22.5	28.9	29.3	32.2	38.3

Sound Reduction: $R_w(C;Ctr) = 31 (-2,-6)$ dB ISO 717-1:1996



This product sheet has been compiled based on both the current state of technology and current legislation and regulations. Since both legislation and regulations as well as the state of the art are subject to changes, this product sheet is also subject to changes. It is therefore recommended that you always check whether you are in possession of the latest current edition of this product sheet. For details regarding the correct area of application, associated restrictions, boundaries and connections, we refer, among other things, to the Expert Judgments drawn up by Peutz BV, or we request that you contact us. No rights or obligations can be derived from this product sheet.

Nofisol Europe BV
Everdenberg 9-d
4902 TT Oosterhout

Postbus 4042
4900 CA Oosterhout

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

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

Fire Resistance

Integrity (E) : E 120
Heat radiation (W) : EW 120
Thermal insulation : EI 30

Fire Behaviour

Fire Class
NOFISOL® 31 Barrier : A2-s1-d0

Smoke resistance / Smoke permeability

Smoke resistance : 202 min based on NEN 6075-2011
Smoke permeability : Sa / S200 based on EN 1634-3:2004 + AC: 2006

Classification Sa : Pass – Maximum seam length 39.2 m¹
Classification S200 : Pass – Maximum seam length 41.7 m¹

When determining the maximum NOFISOL® seam length, the connection of the bandrastrer with the underlying wall does not count.

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

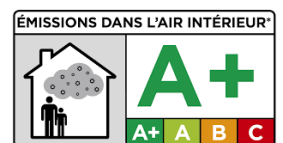
Level : **Silver v4.0**
Material Health : Silver v4.0
Product Circularity level : Silver v4.0
Renewable Energy : Silver v4.0
Carbon Management : Silver v4.0
Water & Soil Stewardship : Silver v4.0
Social Fairness : Silver v4.0



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

Level : **Indoor Air Comfort GOLD**
: Regular Inspection of production facility and;
: Regular product testing by Eurofins for VOC Emissions

French VOC Regulation	: Class A+	Belgium VOC Regulation	: Pass
German AgBB/ABG	: Pass	Italian CAM Edilizia	: Pass
EU Taxonomy Regulation	: Pass	LEED (ACP)	: Pass
BREEAM New Construction	: Pass	Well Building	: Pass
SKA Rating	: Pass	French HQE certification	: Pass
Blue Angel DE-UZ 132	: Pass	M1	: Pass
Danish Indoor Climate Label	: Emission Class 1	BVB Sweden	: Pass
Miljöbyggnad Sweden	: Pass	Nordic Swan	: Pass
Eco Product Norway	: Pass	Cradle to Cradle	: Pass
Very low emitting products	: according to EN 16798-1	Singapore	: Green label
Global Green Tag	: Pass	Declare 2.0	: Pass



Environmental Product Declaration / Life Cycle Analysis

A Life Cycle Analysis has been carried out for Nofisol 31 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 these have been checked and approved by independent third parties (officially recognized by the relevant Database).

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



This product sheet has been compiled based on both the current state of technology and current legislation and regulations. Since both legislation and regulations as well as the state of the art are subject to changes, this product sheet is also subject to changes. It is therefore recommended that you always check whether you are in possession of the latest current edition of this product sheet. For details regarding the correct area of application, associated restrictions, boundaries and connections, we refer, among other things, to the Expert Judgments drawn up by Peutz BV, or we request that you contact us. No rights or obligations can be derived from this product sheet.

Nofisol Europe BV
Everdenberg 9-d
4902 TT Oosterhout

Postbus 4042
4900 CA Oosterhout

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

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

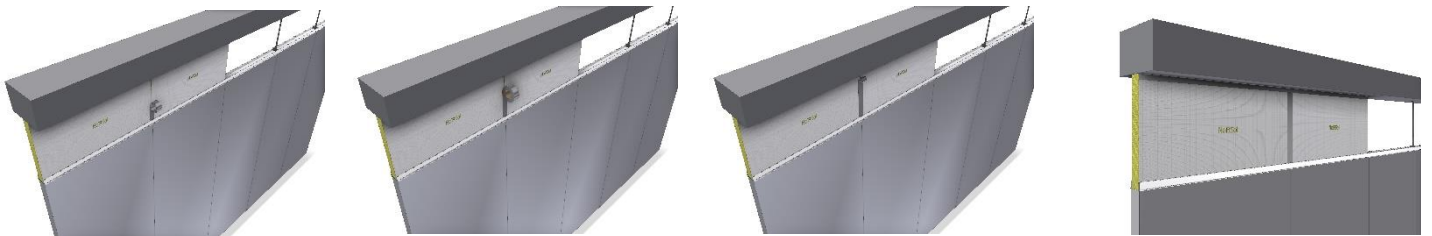
Installation (short)

NOFISOL® 31 dB as Sound Barrier

Measure the NOFISOL® 31 Barrier with a small excess, so that it can be fitted tightly between the constructions. The NOFISOL® 31 Barriers can be made to measure on site using, among other things, an insulation knife or saw with fine teeth. Before cutting/sawing to size, mark off the correct height and cut the aluminum foil on both sides of the bulkhead. Place the barrier in place and tilt it into its final position. Taping the seams with each other and with the surrounding building construction with NOFISOL® Alu tape is **NOT** necessary

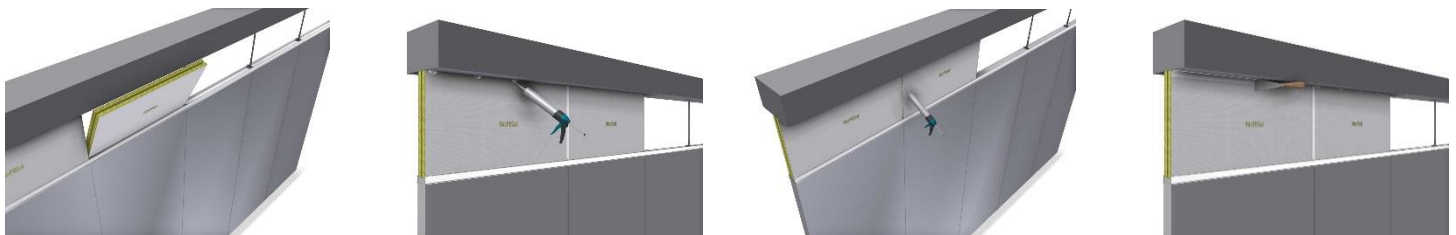
EXTRA processing when used as Smoke Barrier

Tape the NOFISOL® 31 Barriers 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



EXTRA processing when used as Fire Barrier

Prior to the installation of the NOFISOL® 31 Barriers, place 2 strips of 12.5 mm plaster in the bandraster. Install the NOFISOL® 31 Barriers according to the installation instructions "Sound barrier". The seams between the barriers and the structural structure must also be provided with NOFISOL® fire-resistant adhesive. The NOFISOL® fire-resistant 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. Taping the seams with each other and with the surrounding building construction with NOFISOL® Alu tape is **NOT** necessary.



For detailed installation instructions, please refer to our website www.nofisol.co.uk.

NOFISOL® 33-LP Standard Barrier

NOFISOL® 33-LP is an Sound Barrier specifically developed to seal the gaps above lightweight partition walls and below raised floors. The use of Nofisol 33-LP Sound Barriers boards improves the longitudinal noise insulation of a building

The NOFISOL®33-LP Barriers are always provided with a special glass fiber reinforced aluminum foil. The thickness of 60 mm is tailored to the standard 100 mm bandraaster that commonly used, this ensures a simple, well-connected mounting of the barriers to the construction below.

The Nofisol 33-LP Barriers are in stock in 3 sizes (1200x600 / 1200x1000 / 1200x2000mm), making 24-hour delivery possible. Deviating sizes are available within a few days, of course, depending on the requested quantities and dimensions.

Dimensions

NOFISOL® 33-LP Barrier

Length	: 1200 mm
Height	: 600 / 1000 / variable between 80-2000 mm
Thickness	: 60 mm



Performances

Sound insulation	: 33 dB
Fire resistance	: EI 30
Smoke resistance	: 202 minutes
Smoke leakage	: Sa & S200
Eurofins VOC	: Indoor Air Comfort GOLD
French VOC Regulation	: Indoor Air Climate A+
Cradle to Cradle Certified®	: Silver v4.0
Biogenic Carbon Content	: Zero Footprint at factory gate

Sound Insulation

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

Sound Reduction: $R_w(C;Ctr) = 33 (-2,-8)$ dB ISO 717-1:1996



This product sheet has been compiled based on both the current state of technology and current legislation and regulations. Since both legislation and regulations as well as the state of the art are subject to changes, this product sheet is also subject to changes. It is therefore recommended that you always check whether you are in possession of the latest current edition of this product sheet. For details regarding the correct area of application, associated restrictions, boundaries and connections, we refer, among other things, to the Expert Judgments drawn up by Peutz BV, or we request that you contact us. No rights or obligations can be derived from this product sheet.

Nofisol Europe BV
Everdenberg 9-d
4902 TT Oosterhout

Postbus 4042
4900 CA Oosterhout

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

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

Fire Resistance

Integrity (E) : E 120
Heat radiation (W) : EW 120
Thermal insulation : EI 30

Fire Behaviour

Fire Class
NOFISOL® 33-LP Barrier : A2-s1-d0

Smoke resistance / Smoke permeability

Smoke resistance : 202 min based on NEN 6075-2011
Smoke permeability : Sa / S200 based on EN 1634-3:2004 + AC: 2006

Classification Sa : Pass – Maximum seam length 39.2 m¹
Classification S200 : Pass – Maximum seam length 41.7 m¹

When determining the maximum NOFISOL® seam length, the connection of the bandrastrer with the underlying wall does not count.

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

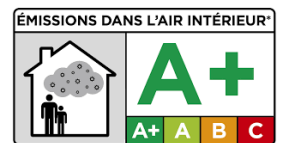
Level : **Silver v4.0**
Material Health : Silver v4.0
Product Circularity level : Silver v4.0
Renewable Energy : Silver v4.0
Carbon Management : Silver v4.0
Water & Soil Stewardship : Silver v4.0
Social Fairness : Silver v4.0



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

Level : **Indoor Air Comfort GOLD**
: Regular Inspection of production facility and;
: Regular product testing by Eurofins for VOC Emissions

French VOC Regulation	: Class A+	Belgium VOC Regulation	: Pass
German AgBB/ABG	: Pass	Italian CAM Edilizia	: Pass
EU Taxonomy Regulation	: Pass	LEED (ACP)	: Pass
BREEAM New Construction	: Pass	Well Building	: Pass
SKA Rating	: Pass	French HQE certification	: Pass
Blue Angel DE-UZ 132	: Pass	M1	: Pass
Danish Indoor Climate Label	: Emission Class 1	BVB Sweden	: Pass
Miljöbyggnad Sweden	: Pass	Nordic Swan	: Pass
Eco Product Norway	: Pass	Cradle to Cradle	: Pass
Very low emitting products	: according to EN 16798-1	Singapore	: Green label
Global Green Tag	: Pass	Declare 2.0	: Pass



Environmental Product Declaration / Life Cycle Analysis

A Life Cycle Analysis has been carried out for Nofisol 33-LP 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 these have been checked and approved by independent third parties (officially recognized by the relevant Database).

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



This product sheet has been compiled based on both the current state of technology and current legislation and regulations. Since both legislation and regulations as well as the state of the art are subject to changes, this product sheet is also subject to changes. It is therefore recommended that you always check whether you are in possession of the latest current edition of this product sheet. For details regarding the correct area of application, associated restrictions, boundaries and connections, we refer, among other things, to the Expert Judgments drawn up by Peutz BV, or we request that you contact us. No rights or obligations can be derived from this product sheet.

Nofisol Europe BV
Everdenberg 9-d
4902 TT Oosterhout

Postbus 4042
4900 CA Oosterhout

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

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

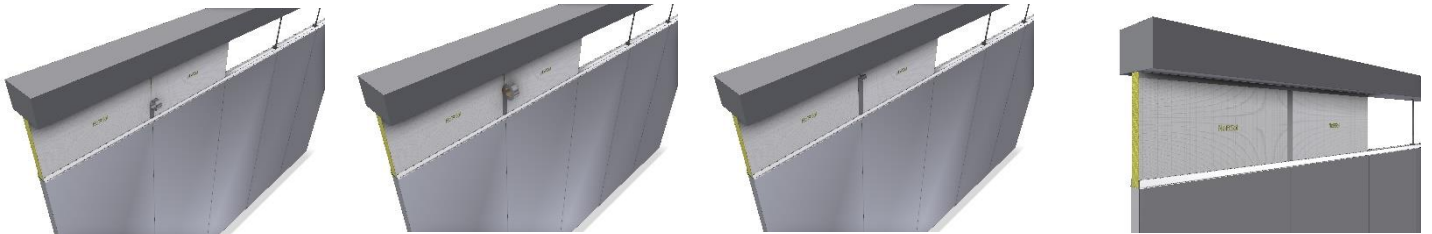
Installation (short)

NOFISOL® 33-LP dB as Sound Barrier

Measure the NOFISOL® 33-LP Barrier with a small excess, so that it can be fitted tightly between the constructions. The NOFISOL® 33-LP Barriers can be made to measure on site using, among other things, an insulation knife or saw with fine teeth. Before cutting/sawing to size, mark off the correct height and cut the aluminum foil on both sides of the bulkhead. Place the barrier in place and tilt it into its final position. Taping the seams with each other and with the surrounding building construction with NOFISOL® Alu tape is **NOT** necessary

EXTRA processing when used as Smoke Barrier

Tape the NOFISOL® 33-LP Barriers 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 bandraaster does not need to be taped



EXTRA processing when used as Fire Barrier

Prior to the installation of the NOFISOL® 33-LP Barriers, place 2 strips of 12.5 mm plaster in the bandraaster. Install the NOFISOL® 33-LP Barriers according to the installation instructions "Sound barrier". The seams between the barriers and the structural structure must also be provided with NOFISOL® fire-resistant adhesive. The NOFISOL® fire-resistant adhesive must be applied in dots every 10 cm in the seams with each other and with the surrounding building construction (not the bandraaster) using a caulking gun. Taping the seams with each other and with the surrounding building construction with NOFISOL® Alu tape is **NOT** necessary.



For detailed installation instructions, please refer to our website www.nofisol.co.uk.

NOFISOL® 33 Standard Barrier

NOFISOL® 33 is an Sound Barrier specifically developed to seal the gaps above lightweight partition walls and below raised floors. The use of Nofisol 33 Sound Barriers boards improves the longitudinal noise insulation of a building

The NOFISOL®33 Barriers are always provided with a special glass fiber reinforced aluminum foil. The thickness of 60 mm is tailored to the standard 100 mm bandraaster that commonly used, this ensures a simple, well-connected mounting of the barriers to the construction below.

The Nofisol 33 Barriers are in stock in 3 sizes (1200x600 / 1200x1000 / 1200x2000mm), making 24-hour delivery possible. Deviating sizes are available within a few days, of course, depending on the requested quantities and dimensions.

Dimensions

NOFISOL® 33 Barrier

Length	: 1200 mm
Height	: 600 / 1000 / variable between 80-2000 mm
Thickness	: 66 mm



Performances

Sound insulation	: 33 dB
Fire resistance	: EI 30
Smoke resistance	: 202 minutes
Smoke leakage	: Sa & S200
Eurofins VOC	: Indoor Air Comfort GOLD
French VOC Regulation	: Indoor Air Climate A+
Cradle to Cradle Certified®	: Silver v4.0
Biogenic Carbon Content	: Zero Footprint at factory gate

Sound Insulation

	125 Hz	250 Hz	500 Hz	1k Hz	2k Hz	4k Hz
	15.4	21.2	29.5	28.3	44.4	49.3
1/3 oct.	14.1	21.9	32.1	38.7	44.7	51.4
	18.5	24.0	27.9	43.5	46.7	52.1
1/1 oct.	15.6	22.2	29.5	32.6	45.2	50.8

Sound Reduction: $R_w(C;Ctr) = 33 (-2,-6)$ dB ISO 717-1:1996



This product sheet has been compiled based on both the current state of technology and current legislation and regulations. Since both legislation and regulations as well as the state of the art are subject to changes, this product sheet is also subject to changes. It is therefore recommended that you always check whether you are in possession of the latest current edition of this product sheet. For details regarding the correct area of application, associated restrictions, boundaries and connections, we refer, among other things, to the Expert Judgments drawn up by Peutz BV, or we request that you contact us. No rights or obligations can be derived from this product sheet.

Nofisol Europe BV
Everdenberg 9-d
4902 TT Oosterhout

Postbus 4042
4900 CA Oosterhout

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

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

Fire Resistance

Integrity (E) : E 120
 Heat radiation (W) : EW 120
 Thermal insulation : EI 30

Fire Behaviour

Fire Class
 NOFISOL® 33 Barrier : B,s1-d0

Smoke resistance / Smoke permeability

Smoke resistance : 202 min based on NEN 6075-2011
 Smoke permeability : Sa / S200 based on EN 1634-3:2004 + AC: 2006

Classification Sa : Pass – Maximum seam length 39.2 m¹
 Classification S200 : Pass – Maximum seam length 41.7 m¹

When determining the maximum NOFISOL® seam length, the connection of the bandraster with the underlying wall does not count.

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

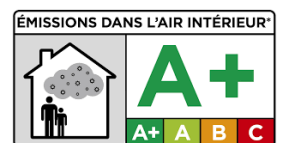
Level : Silver v4.0
 Material Health : Silver v4.0
 Product Circularity level : Silver v4.0
 Renewable Energy : Silver v4.0
 Carbon Management : Silver v4.0
 Water & Soil Stewardship : Silver v4.0
 Social Fairness : Silver v4.0



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

Level : Indoor Air Comfort GOLD
 : Regular Inspection of production facility and;
 : Regular product testing by Eurofins for VOC Emissions

French VOC Regulation	: Class A+	Belgium VOC Regulation	: Pass
German AgBB/ABG	: Pass	Italian CAM Edilizia	: Pass
EU Taxonomy Regulation	: Pass	LEED (ACP)	: Pass
BREEAM New Construction	: Pass	Well Building	: Pass
SKA Rating	: Pass	French HQE certification	: Pass
Blue Angel DE-UZ 132	: Pass	M1	: Pass
Danish Indoor Climate Label	: Emission Class 1	BVB Sweden	: Pass
Miljöbyggnad Sweden	: Pass	Nordic Swan	: Pass
Eco Product Norway	: Pass	Cradle to Cradle	: Pass
Very low emitting products	: according to EN 16798-1	Singapore	: Green label
Global Green Tag	: Pass	Declare 2.0	: Pass



Environmental Product Declaration / Life Cycle Analysis

A Life Cycle Analysis has been carried out for Nofisol 33 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 these have been checked and approved by independent third parties (officially recognized by the relevant Database).

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



This product sheet has been compiled based on both the current state of technology and current legislation and regulations. Since both legislation and regulations as well as the state of the art are subject to changes, this product sheet is also subject to changes. It is therefore recommended that you always check whether you are in possession of the latest current edition of this product sheet. For details regarding the correct area of application, associated restrictions, boundaries and connections, we refer, among other things, to the Expert Judgments drawn up by Peutz BV, or we request that you contact us. No rights or obligations can be derived from this product sheet.

Nofisol Europe BV
 Everdenberg 9-d
 4902 TT Oosterhout

Postbus 4042
 4900 CA Oosterhout

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

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

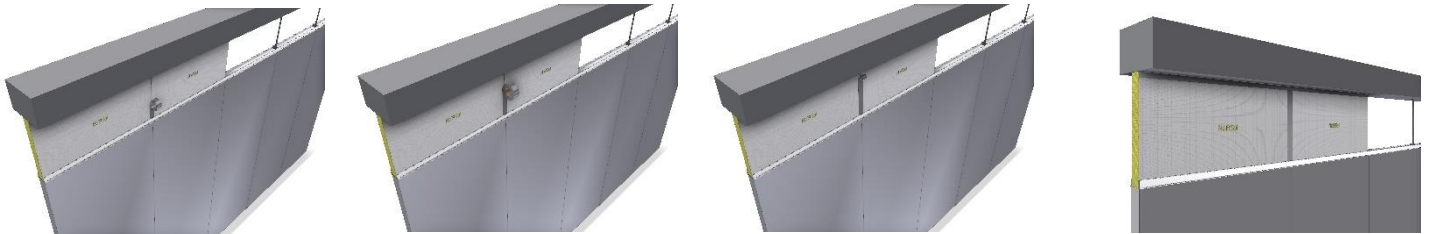
Installation (short)

NOFISOL® 33 dB as Sound Barrier

Measure the NOFISOL® 33 Barrier with a small excess, so that it can be fitted tightly between the constructions. The NOFISOL® 33 Barriers can be made to measure on site using, among other things, an insulation knife or saw with fine teeth. Before cutting/sawing to size, mark off the correct height and cut the aluminum foil on both sides of the bulkhead. Place the barrier in place and tilt it into its final position. Taping the seams with each other and with the surrounding building construction with NOFISOL® Alu tape is **NOT** necessary

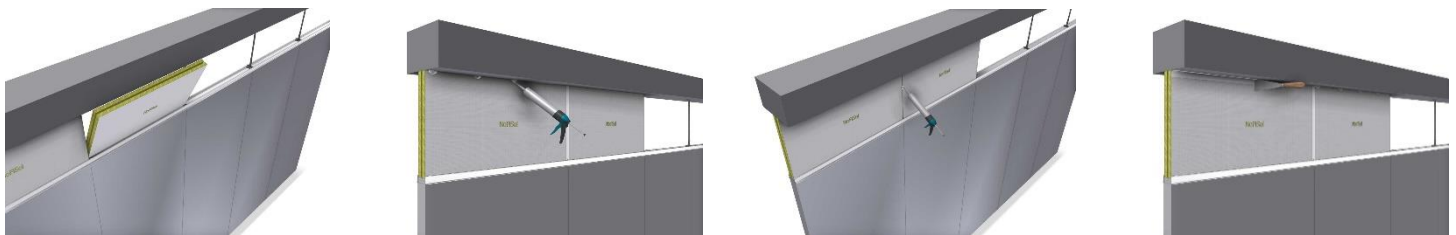
EXTRA processing when used as Smoke Barrier

Tape the NOFISOL® 33 Barriers 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



EXTRA processing when used as Fire Barrier

Prior to the installation of the NOFISOL® 33 Barriers, place 2 strips of 12.5 mm plaster in the bandraster. Install the NOFISOL® 33 Barriers according to the installation instructions "Sound barrier". The seams between the barriers and the structural structure must also be provided with NOFISOL® fire-resistant adhesive. The NOFISOL® fire-resistant 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. Taping the seams with each other and with the surrounding building construction with NOFISOL® Alu tape is **NOT** necessary.



For detailed installation instructions, please refer to our website www.nofisol.com

NOFISOL® 38 High Value dB

NOFISOL® 38 High Value dB NOFISOL® 38 High Value dB is an Sound Barrier specifically developed to seal the gaps above lightweight partition walls and below raised floors. The use of Nofisol 33 Sound Barriers boards improves the longitudinal noise insulation of a building.

The NOFISOL® High Value dB Barriers are always provided with a special glass fiber reinforced aluminum foil and are provided with the required self-adhesive Nofisol EP 4.5 Alu foil which must be applied on one side during installation. The thickness of the base element is always 66 mm and is tailored to the standard 100 mm bandraaster that is frequently used, this ensures a simple, well-fitting mounting of the barrier to the underlying construction.

De Nofisol High Value dB Barriers are in stock in 3 sizes (1200x600 / 1200x1000 / 1200x2000mm), making 24-hour delivery possible. Deviating sizes are available within a few days, of course, depending on the requested quantities and dimensions.

Dimensions

NOFISOL® Base element

Length : 1200 mm
 Height : 600 / 1000 variable between 80-2000 mm
 Thickness : 66 mm

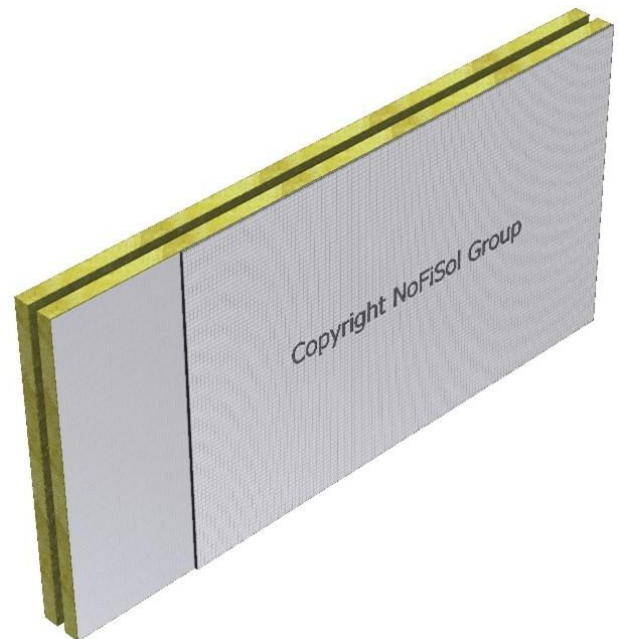
NOFISOL® EP 4.5 Alu Foil

Length x width : 1200 x 1000 mm
 Density : 4.5 kg/m²
 Self adhesive : Yes
 Layers : single sided



Prestations

Sound insulation : 38 dB
 Fire resistance : EI 45 / EW 120 / E 120
 Smoke resistance : 202 minutes
 Smoke leakage : Sa & S200
 Eurofins VOC : Indoor Air Comfort GOLD
 French VOC Regulation : Indoor Air Climate A+
 Cradle to Cradle Certified® : Silver v4.0
 Biogenic Carbon Content : Zero Footprint at factory gate



Sound insulation

	125 Hz	250 Hz	500 Hz	1k Hz	2k Hz	4k Hz
	15.8	24.7	33.3	42.1	48.7	60.8
1/3 oct.	17.8	27.5	36.9	45.8	54.9	60.9
	19.0	29.5	39.6	46.0	59.1	61.0
1/1 oct.	17.3	26.8	35.8	44.2	52.2	60.9

Sound insulation: $R_w(C;Ctr) = 38 (-2,-7)$ dB ISO 717-1:1996



This product sheet has been compiled based on both the current state of technology and current legislation and regulations. Since both legislation and regulations as well as the state of the art are subject to changes, this product sheet is also subject to changes. It is therefore recommended that you always check whether you are in possession of the latest current edition of this product sheet. For details regarding the correct area of application, associated restrictions, boundaries and connections, we refer, among other things, to the Expert Judgments drawn up by Peutz BV, or we request that you contact us. No rights or obligations can be derived from this product sheet.

Nofisol Europe BV
 Everdenberg 9-d
 4902 TT Oosterhout

Postbus 4042
 4900 CA Oosterhout

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

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

Fire Resistance

Integrity (E)	: E 120
Heat radiation (W)	: EW 120
Thermal Insulation	: EI 45

Fire Behaviour

Fire class	
NOFISOL® Base element	: B-s1-d0 Überwacht door MPA Dresden
NOFISOL® EP Alu Foil	: A2-s1,d0*

Smoke resistance / Smoke permeability

Smoke resistance	: 202 min based on NEN 6075-2011
Smoke permeability	: Sa / S200 based on EN 1634-3:2004 + AC: 2006

Classification Sa	: Pass – Maximum seam length 39.2 m ¹
Classification S200	: Pass – Maximum seam length 41.7 m ¹

When determining the maximum NOFISOL® seam length, the connection of the bandraster with the underlying wall does not count.

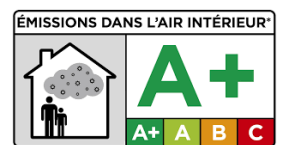
Cradle to Cradle Certified® - click for [database](#)

Level	: Silver v4.0
Material Health	: Silver v4.0
Product Circularity level	: Silver v4.0
Renewable Energy	: Silver v4.0
Carbon Management	: Silver v4.0
Water & Soil Stewardship	: Silver v4.0
Social Fairness	: Silver v4.0



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

Level	: Indoor Air Comfort GOLD		
	: Regular Inspection of production facility and;		
	: Regular product testing by Eurofins for VOC Emissions		
French VOC Regulation	: Class A+	Belgium VOC Regulation	: Pass
German AgBB/ABG	: Pass	Italian CAM Edilizia	: Pass
EU Taxonomy Regulation	: Pass	LEED (ACP)	: Pass
BREEAM New Construction	: Pass	Well Building	: Pass
SKA Rating	: Pass	French HQE certification	: Pass
Blue Angel DE-UZ 132	: Pass	M1	: Pass
Danish Indoor Climate Label	: Emission Class 1	BVB Sweden	: Pass
Miljöbyggnad Sweden	: Pass	Nordic Swan	: Pass
Eco Product Norway	: Pass	Cradle to Cradle	: Pass
Very low emitting products	: according to EN 16798-1	Singapore	: Green label
Global Green Tag	: Pass	Declare 2.0	: Pass



Environmental Product Declaration / Life Cycle Analysis

A Life Cycle Analysis has been carried out for Nofisol 38 High Value dB 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 these have been checked and approved by independent third parties (officially recognized by the relevant Database).

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



This product sheet has been compiled based on both the current state of technology and current legislation and regulations. Since both legislation and regulations as well as the state of the art are subject to changes, this product sheet is also subject to changes. It is therefore recommended that you always check whether you are in possession of the latest current edition of this product sheet. For details regarding the correct area of application, associated restrictions, boundaries and connections, we refer, among other things, to the Expert Judgments drawn up by Peutz BV, or we request that you contact us. No rights or obligations can be derived from this product sheet

Nofisol Europe BV
Everdenberg 9-d
4902 TT Oosterhout

Postbus 4042
4900 CA Oosterhout

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

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

Installation (short version)

NOFISOL® 38 High Value dB as Sound barrier

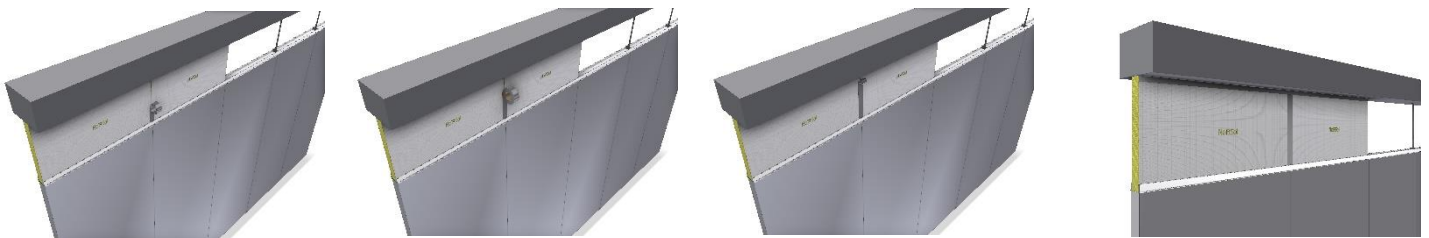
Measure the NOFISOL® 38 High Value dB basic element with a small excess, so that it can be fitted tightly between the constructions. The base elements can be made to measure on site using, among other things, an insulation knife or saw with fine teeth. Before cutting/sawing to size, mark off the correct height and cut the aluminum foil on both sides of the Barrier. Place the base element in place and tilt it into its final position. Then apply the self-adhesive NOFISOL® EP 4.5 Alu foil to one side of the base element as follows::

- Measure the height from the top of the bandraaster to the building structure and transfer these dimensions to the NOFISOL® EP 4.5 Alu Foil;
- Cut the NOFISOL® EP 4.5 Alu foil to the correct height and, if necessary, divide the length into 2 or 3 parts for convenience (not mandatory) to facilitate the application of the NOFISOL® EP 4.5 Alu foil;
- Remove the protective cover from the NOFISOL® EP 4.5 Alu foil at an angle over a length of approx. 3-5 cm;
- Position the NOFISOL® EP 4.5 Alu foil in the right place and press it firmly onto the base element;
- Carefully remove the protective cover and at the same time press the NOFISOL® EP 4.5 Alu Foil onto the base element in such a way that no “air bubbles” can form under the NOFISOL® EP 4.5 Alu Foil;
- If fastening elements protrude from the base element, the NOFISOL® EP 4.5 Alu Foil must be cut in those places so that they also protrude through the NOFISOL® EP 4.5 Alu Foil without causing “air bubbles”;
- The next piece of NOFISOL® EP 4.5 Alu Foil is applied next to the previously mounted element in such a way that they fit tightly without overlapping.

The NOFISOL® EP 4.5 Alu foil can easily be cut to size or processed for penetrations and openings. Taping the seams with each other and with the surrounding building construction with NOFISOL® Alu tape is NOT necessary.

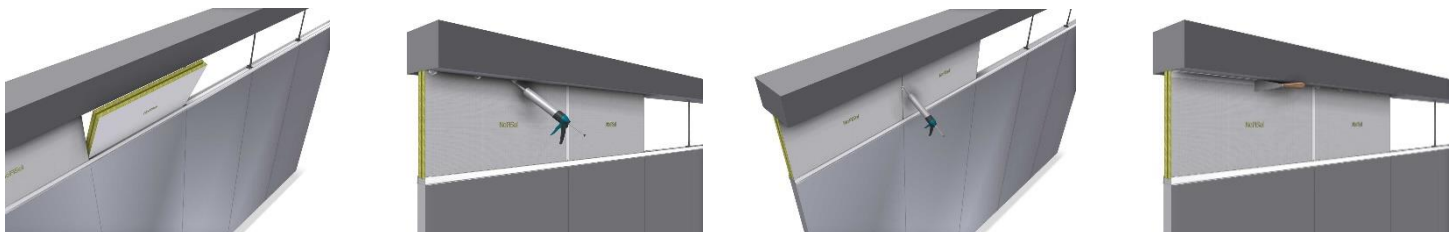
EXTRA processing when used as smoke barrier

Tape the basic 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 bandraaster does not need to be taped. Then apply the EP 4.5 Alu foil.



EXTRA processing when used as Fire Barrier

Prior to the installation of the NOFISOL® Barriers, place 2 strips of 12.5 mm plaster in the bandraaster. Install the NOFISOL® Barriers according to the installation instructions “Sound barrier”. Then, before applying the NOFISOL® EP 4.5 Alu foil, the seams between the basic elements and the structural structure must be provided with NOFISOL® fire-resistant adhesive. The NOFISOL® fire-resistant adhesive must be applied in dots every 10 cm in the seams with each other and with the surrounding building construction (not the bandraaster) using a caulking gun. Taping the seams with NOFISOL® Alu Tape is NOT necessary.



For detailed installation instructions, please refer to our website www.nofisol.com.

This product sheet has been compiled based on both the current state of technology and current legislation and regulations. Since both legislation and regulations as well as the state of the art are subject to changes, this product sheet is also subject to changes. It is therefore recommended that you always check whether you are in possession of the latest current edition of this product sheet. For details regarding the correct area of application, associated restrictions, boundaries and connections, we refer, among other things, to the Expert Judgments drawn up by Peutz BV, or we request that you contact us. No rights or obligations can be derived from this product sheet

Nofisol Europe BV
Everdenberg 9-d
4902 TT Oosterhout

Postbus 4042
4900 CA Oosterhout

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

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

NOFISOL® 39 High Value dB

NOFISOL® 39 High Value dB NOFISOL® 39 High Value dB is an Sound Barrier specifically developed to seal the gaps above lightweight partition walls and below raised floors. The use of Nofisol 33 Sound Barriers boards improves the longitudinal noise insulation of a building.

The NOFISOL® High Value dB Barriers are always provided with a special glass fiber reinforced aluminum foil and are provided with the required self-adhesive Nofisol EP 8 Alu foil which must be applied on one side during installation. The thickness of the base element is always 66 mm and is tailored to the standard 100 mm bandraaster that is frequently used, this ensures a simple, well-fitting mounting of the barrier to the underlying construction.

De Nofisol High Value dB Barriers are in stock in 3 sizes (1200x600 / 1200x1000 / 1200x2000mm), making 24-hour delivery possible. Deviating sizes are available within a few days, of course, depending on the requested quantities and dimensions.

Dimensions

NOFISOL® Base element

Length : 1200 mm
 Height : 600 / 1000 variable between 80-2000 mm
 Thickness : 66 mm

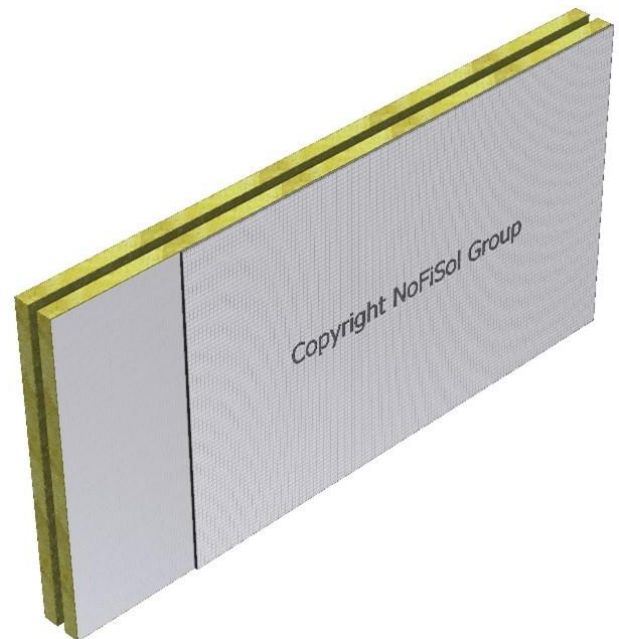
NOFISOL® EP 8 Alu Foil

Length x width : 1200 x 1000 mm
 Density : 8 kg/m²
 Self adhesive : Yes
 Layers : single sided



Prestations

Sound insulation : 39 dB
 Fire resistance : EI 45 / EW 120 / E 120
 Smoke resistance : 202 minutes
 Smoke leakage : Sa & S200
 Eurofins VOC : Indoor Air Comfort **GOLD**
 French VOC Regulation : Indoor Air Climate A+
 Cradle to Cradle Certified® : Silver v3.1
 Biogenic Carbon Content : Zero Footprint at factory gate



Sound insulation

	125 Hz	250 Hz	500 Hz	1k Hz	2k Hz	4k Hz
	17.2	24.8	36.5	44.5	49.8	61.7
1/3 oct.	18.7	29.3	38.4	45.2	56.8	61.9
	19.9	33.0	41.2	45.5	60.0	61.8
1/1 oct.	18.5	27.8	38.3	45.0	53.4	61.8

Sound insulation: $R_w(C;Ctr) = 39 (-2,-7)$ dB ISO 717-1:1996



This product sheet has been compiled based on both the current state of technology and current legislation and regulations. Since both legislation and regulations as well as the state of the art are subject to changes, this product sheet is also subject to changes. It is therefore recommended that you always check whether you are in possession of the latest current edition of this product sheet. For details regarding the correct area of application, associated restrictions, boundaries and connections, we refer, among other things, to the Expert Judgments drawn up by Peutz BV, or we request that you contact us. No rights or obligations can be derived from this product sheet.

Nofisol Europe BV
 Everdenberg 9-d
 4902 TT Oosterhout

Postbus 4042
 4900 CA Oosterhout

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

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

Fire Resistance

Integrity (E)	: E 120
Heat radiation (W)	: EW 120
Thermal Insulation	: EI 45

Fire Behaviour

Fire class	
NOFISOL® Base element	: B-s1-d0 Überwacht door MPA Dresden
NOFISOL® EP Alu Foil	: A2-s1,d0*

Smoke resistance / Smoke permeability

Smoke resistance	: 202 min based on NEN 6075-2011
Smoke permeability	: Sa / S200 based on EN 1634-3:2004 + AC: 2006

Classification Sa	: Pass – Maximum seam length 39.2 m ¹
Classification S200	: Pass – Maximum seam length 41.7 m ¹

When determining the maximum NOFISOL® seam length, the connection of the bandrastrer with the underlying wall does not count.

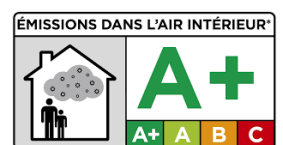
Cradle to Cradle Certified® - click for [database](#)

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 GOLD		
	: Regular Inspection of production facility and;		
	: Regular product testing by Eurofins for VOC Emissions		
French VOC Regulation	: Class A+	Belgium VOC Regulation	: Pass
German AgBB/ABG	: Pass	Italian CAM Edilizia	: Pass
EU Taxonomy Regulation	: Pass	LEED (ACP)	: Pass
BREEAM New Construction	: Pass	Well Building	: Pass
SKA Rating	: Pass	French HQE certification	: Pass
Blue Angel DE-UZ 132	: Pass	M1	: Pass
Danish Indoor Climate Label	: Emission Class 1	BVB Sweden	: Pass
Miljöbyggnad Sweden	: Pass	Nordic Swan	: Pass
Eco Product Norway	: Pass	Cradle to Cradle	: Pass
Very low emitting products	: according to EN 16798-1	Singapore	: Green label
Global Green Tag	: Pass	Declare 2.0	: Pass



Environmental Product Declaration / Life Cycle Analysis

A Life Cycle Analysis has been carried out for Nofisol 39 High Value dB 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 these have been checked and approved by independent third parties (officially recognized by the relevant Database).

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



This product sheet has been compiled based on both the current state of technology and current legislation and regulations. Since both legislation and regulations as well as the state of the art are subject to changes, this product sheet is also subject to changes. It is therefore recommended that you always check whether you are in possession of the latest current edition of this product sheet. For details regarding the correct area of application, associated restrictions, boundaries and connections, we refer, among other things, to the Expert Judgments drawn up by Peutz BV, or we request that you contact us. No rights or obligations can be derived from this product sheet

Nofisol Europe BV
Everdenberg 9-d
4902 TT Oosterhout

Postbus 4042
4900 CA Oosterhout

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

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

Installatio (short version)

NOFISOL® 39 High Value dB as Sound barrier

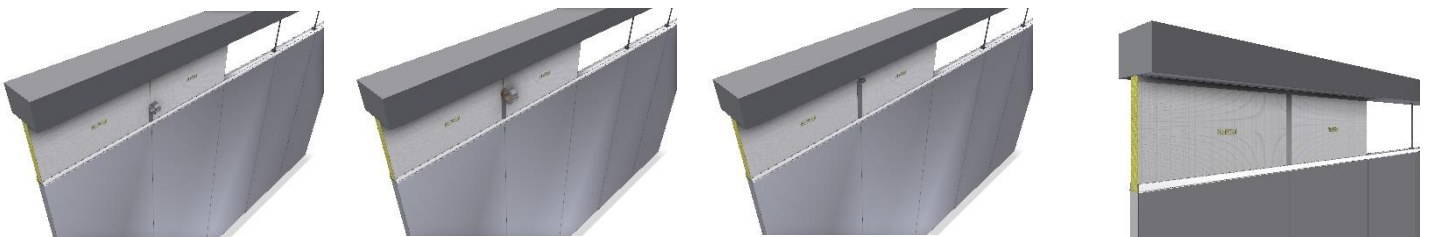
Measure the NOFISOL® 39 High Value dB basic element with a small excess, so that it can be fitted tightly between the constructions. The base elements can be made to measure on site using, among other things, an insulation knife or saw with fine teeth. Before cutting/sawing to size, mark off the correct height and cut the aluminum foil on both sides of the Barrier. Place the base element in place and tilt it into its final position. Then apply the self-adhesive NOFISOL® EP 8 Alu foil to one side of the base element as follows::

- Measure the height from the top of the bandraaster to the building structure and transfer these dimensions to the NOFISOL® EP 8 Alu Foil;
- Cut the NOFISOL® EP 8 Alu foil to the correct height and, if necessary, divide the length into 2 or 3 parts for convenience (not mandatory) to facilitate the application of the NOFISOL® EP 8 Alu foil;
- Remove the protective cover from the NOFISOL® EP 8 Alu foil at an angle over a length of approx. 3-5 cm;
- Position the NOFISOL® EP 8 Alu foil in the right place and press it firmly onto the base element;
- Carefully remove the protective cover and at the same time press the NOFISOL® EP 8 Alu Foil onto the base element in such a way that no “air bubbles” can form under the NOFISOL® EP 8 Alu Foil;
- If fastening elements protrude from the base element, the NOFISOL® EP 8 Alu Foil must be cut in those places so that they also protrude through the NOFISOL® EP 8 Alu Foil without causing “air bubbles”;
- The next piece of NOFISOL® EP 8 Alu Foil is applied next to the previously mounted element in such a way that they fit tightly without overlapping.

The NOFISOL® EP 8 Alu foil can easily be cut to size or processed for penetrations and openings. Taping the seams with each other and with the surrounding building construction with NOFISOL® Alu tape is NOT necessary.

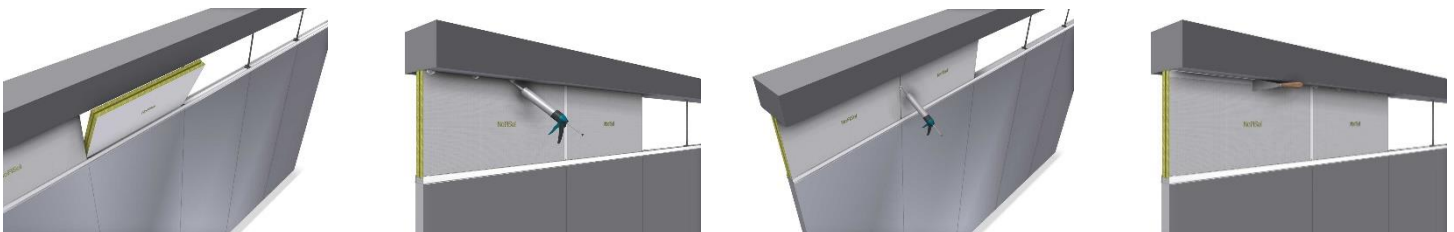
EXTRA processing when used as smoke barrier

Tape the basic 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 bandraaster does not need to be taped. Then apply the EP 8 Alu foil.



EXTRA processing when used as Fire Barrier

Prior to the installation of the NOFISOL® Barriers, place 2 strips of 12.5 mm plaster in the bandraaster. Install the NOFISOL® Barriers according to the installation instructions “Sound barrier”. Then, before applying the NOFISOL® EP 8 Alu foil, the seams between the basic elements and the structural structure must be provided with NOFISOL® fire-resistant adhesive. The NOFISOL® fire-resistant adhesive must be applied in dots every 10 cm in the seams with each other and with the surrounding building construction (not the bandraaster) using a caulking gun. Taping the seams with NOFISOL® Alu Tape is NOT necessary.



For detailed installation instructions, please refer to our website www.nofisol.com.

This product sheet has been compiled based on both the current state of technology and current legislation and regulations. Since both legislation and regulations as well as the state of the art are subject to changes, this product sheet is also subject to changes. It is therefore recommended that you always check whether you are in possession of the latest current edition of this product sheet. For details regarding the correct area of application, associated restrictions, boundaries and connections, we refer, among other things, to the Expert Judgments drawn up by Peutz BV, or we request that you contact us. No rights or obligations can be derived from this product sheet

Nofisol Europe BV
Everdenberg 9-d
4902 TT Oosterhout

Postbus 4042
4900 CA Oosterhout

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

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

NOFISOL® 40 High Value dB

NOFISOL® 40 High Value dB NOFISOL® 40 High Value dB is an Sound Barrier specifically developed to seal the gaps above lightweight partition walls and below raised floors. The use of Nofisol 33 Sound Barriers boards improves the longitudinal noise insulation of a building.

The NOFISOL® High Value dB Barriers are always provided with a special glass fiber reinforced aluminum foil and are provided with the required self-adhesive Nofisol EP 4.5 Alu foil which must be applied on both sides during installation. The thickness of the base element is always 66 mm and is tailored to the standard 100 mm bandraaster that is frequently used, this ensures a simple, well-fitting mounting of the barrier to the underlying construction.

De Nofisol High Value dB Barriers are in stock in 3 sizes (1200x600 / 1200x1000 / 1200x2000mm), making 24-hour delivery possible. Deviating sizes are available within a few days, of course, depending on the requested quantities and dimensions.

Dimensions

NOFISOL® Base element

Length : 1200 mm
 Height : 600 / 1000 variable between 80-2000 mm
 Thickness : 66 mm

NOFISOL® EP 4.5 Alu Foil

Length x width : 1200 x 1000 mm
 Density : 4.5 kg/m²
 Self adhesive : Yes
 Layers : double sided



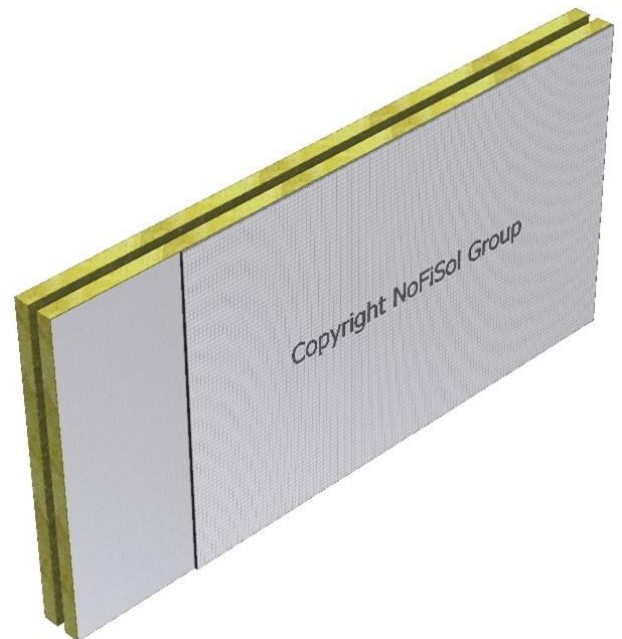
Prestations

Sound insulation : 40 dB
 Fire resistance : EI 60 / EW 120 / E 120
 Smoke resistance : 202 minutes
 Smoke leakage : Sa & S200
 Eurofins VOC : Indoor Air Comfort **GOLD**
 French VOC Regulation : Indoor Air Climate A+
 Cradle to Cradle Certified® : Silver v4.0
 Biogenic Carbon Content : Zero Footprint at factory gate

Sound insulation

	125 Hz	250 Hz	500 Hz	1k Hz	2k Hz	4k Hz
	15.5	27.7	37.6	39.7	55.3	61.9
1/3 oct.	19.9	29.6	40.2	49.9	58.6	60.5
	23.9	33.2	38.4	54.1	61.5	60.5
1/1 oct.	18.5	29.6	38.6	54.0	57.7	60.9

Sound insulation: $R_w(C;Ctr) = 40 (-2,-8)$ dB ISO 717-1:1996



This product sheet has been compiled based on both the current state of technology and current legislation and regulations. Since both legislation and regulations as well as the state of the art are subject to changes, this product sheet is also subject to changes. It is therefore recommended that you always check whether you are in possession of the latest current edition of this product sheet. For details regarding the correct area of application, associated restrictions, boundaries and connections, we refer, among other things, to the Expert Judgments drawn up by Peutz BV, or we request that you contact us. No rights or obligations can be derived from this product sheet.

Nofisol Europe BV
 Everdenberg 9-d
 4902 TT Oosterhout

Postbus 4042
 4900 CA Oosterhout

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

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

Fire Resistance

Integrity (E)	: E 120
Heat radiation (W)	: EW 120
Thermal Insulation	: EI 60

Fire Behaviour

Fire class	
NOFISOL® Base element	: B-s1-d0 Überwacht door MPA Dresden
NOFISOL® EP Alu Foil	: A2-s1,d0*

Smoke resistance / Smoke permeability

Smoke resistance	: 202 min based on NEN 6075-2011
Smoke permeability	: Sa / S200 based on EN 1634-3:2004 + AC: 2006

Classification Sa	: Pass – Maximum seam length 39.2 m ¹
Classification S200	: Pass – Maximum seam length 41.7 m ¹

When determining the maximum NOFISOL® seam length, the connection of the bandrastrer with the underlying wall does not count.

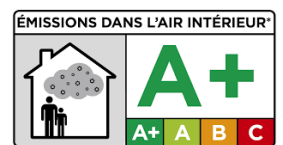
Cradle to Cradle Certified® - click for [database](#)

Level	: Silver v4.0
Material Health	: Silver v4.0
Product Circularity level	: Silver v4.0
Renewable Energy	: Silver v4.0
Carbon Management	: Silver v4.0
Water & Soil Stewardship	: Silver v4.0
Social Fairness	: Silver v4.0



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

Level	: Indoor Air Comfort GOLD		
	: Regular Inspection of production facility and;		
	: Regular product testing by Eurofins for VOC Emissions		
French VOC Regulation	: Class A+	Belgium VOC Regulation	: Pass
German AgBB/ABG	: Pass	Italian CAM Edilizia	: Pass
EU Taxonomy Regulation	: Pass	LEED (ACP)	: Pass
BREEAM New Construction	: Pass	Well Building	: Pass
SKA Rating	: Pass	French HQE certification	: Pass
Blue Angel DE-UZ 132	: Pass	M1	: Pass
Danish Indoor Climate Label	: Emission Class 1	BVB Sweden	: Pass
Miljöbyggnad Sweden	: Pass	Nordic Swan	: Pass
Eco Product Norway	: Pass	Cradle to Cradle	: Pass
Very low emitting products	: according to EN 16798-1	Singapore	: Green label
Global Green Tag	: Pass	Declare 2.0	: Pass



Environmental Product Declaration / Life Cycle Analysis

A Life Cycle Analysis has been carried out for Nofisol 40 High Value dB 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 these have been checked and approved by independent third parties (officially recognized by the relevant Database).

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



This product sheet has been compiled based on both the current state of technology and current legislation and regulations. Since both legislation and regulations as well as the state of the art are subject to changes, this product sheet is also subject to changes. It is therefore recommended that you always check whether you are in possession of the latest current edition of this product sheet. For details regarding the correct area of application, associated restrictions, boundaries and connections, we refer, among other things, to the Expert Judgments drawn up by Peutz BV, or we request that you contact us. No rights or obligations can be derived from this product sheet

Nofisol Europe BV
Everdenberg 9-d
4902 TT Oosterhout

Postbus 4042
4900 CA Oosterhout

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

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

Installation (short version)

NOFISOL® 40 High Value dB as Sound barrier

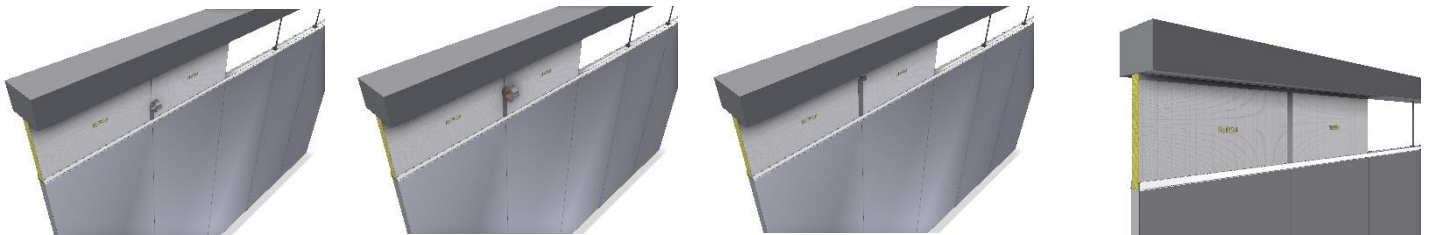
Measure the NOFISOL® 40 High Value dB basic element with a small excess, so that it can be fitted tightly between the constructions. The base elements can be made to measure on site using, among other things, an insulation knife or saw with fine teeth. Before cutting/sawing to size, mark off the correct height and cut the aluminum foil on both sides of the Barrier. Place the base element in place and tilt it into its final position. Then apply the self-adhesive NOFISOL® EP 4.5 Alu foil to both sides of the base element as follows::

- Measure the height from the top of the bandraaster to the building structure and transfer these dimensions to the NOFISOL® EP 4.5 Alu Foil;
- Cut the NOFISOL® EP 4.5 Alu foil to the correct height and, if necessary, divide the length into 2 or 3 parts for convenience (not mandatory) to facilitate the application of the NOFISOL® EP 4.5 Alu foil;
- Remove the protective cover from the NOFISOL® EP 4.5 Alu foil at an angle over a length of approx. 3-5 cm;
- Position the NOFISOL® EP 4.5 Alu foil in the right place and press it firmly onto the base element;
- Carefully remove the protective cover and at the same time press the NOFISOL® EP 4.5 Alu Foil onto the base element in such a way that no “air bubbles” can form under the NOFISOL® EP 4.5 Alu Foil;
- If fastening elements protrude from the base element, the NOFISOL® EP 4.5 Alu Foil must be cut in those places so that they also protrude through the NOFISOL® EP 4.5 Alu Foil without causing “air bubbles”;
- The next piece of NOFISOL® EP 4.5 Alu Foil is applied next to the previously mounted element in such a way that they fit tightly without overlapping.

The NOFISOL® EP 4.5 Alu foil can easily be cut to size or processed for penetrations and openings. Taping the seams with each other and with the surrounding building construction with NOFISOL® Alu tape is NOT necessary.

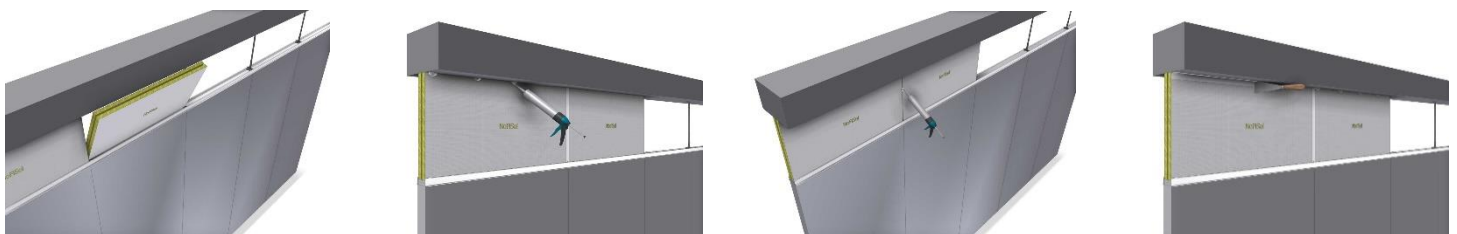
EXTRA processing when used as smoke barrier

Tape the basic 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 bandraaster does not need to be taped. Then apply the EP 4.5 Alu foil.



EXTRA processing when used as Fire Barrier

Prior to the installation of the NOFISOL® Barriers, place 2 strips of 12.5 mm plaster in the bandraaster. Install the NOFISOL® Barriers according to the installation instructions “Sound barrier”. Then, before applying the NOFISOL® EP 4.5 Alu foil, the seams between the basic elements and the structural structure must be provided with NOFISOL® fire-resistant adhesive. The NOFISOL® fire-resistant adhesive must be applied in dots every 10 cm in the seams with each other and with the surrounding building construction (not the bandraaster) using a caulking gun. Taping the seams with NOFISOL® Alu Tape is NOT necessary.



For detailed installation instructions, please refer to our website www.nofisol.com.

This product sheet has been compiled based on both the current state of technology and current legislation and regulations. Since both legislation and regulations as well as the state of the art are subject to changes, this product sheet is also subject to changes. It is therefore recommended that you always check whether you are in possession of the latest current edition of this product sheet. For details regarding the correct area of application, associated restrictions, boundaries and connections, we refer, among other things, to the Expert Judgments drawn up by Peutz BV, or we request that you contact us. No rights or obligations can be derived from this product sheet

Nofisol Europe BV
Everdenberg 9-d
4902 TT Oosterhout

Postbus 4042
4900 CA Oosterhout

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

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

NOFISOL® 45 High Value dB

NOFISOL® 45 High Value dB NOFISOL® 45 High Value dB is an Sound Barrier specifically developed to seal the gaps above lightweight partition walls and below raised floors. The use of Nofisol 33 Sound Barriers boards improves the longitudinal noise insulation of a building.

The NOFISOL® High Value dB Barriers are always provided with a special glass fiber reinforced aluminum foil and are provided with the required self-adhesive Nofisol EP 8 Alu foil which must be applied on both sides during installation. The thickness of the base element is always 66 mm and is tailored to the standard 100 mm bandraaster that is frequently used, this ensures a simple, well-fitting mounting of the barrier to the underlying construction.

De Nofisol High Value dB Barriers are in stock in 3 sizes (1200x600 / 1200x1000 / 1200x2000mm), making 24-hour delivery possible. Deviating sizes are available within a few days, of course, depending on the requested quantities and dimensions.

Dimensions

NOFISOL® Base element

Length : 1200 mm
 Height : 600 / 1000 variable between 80-2000 mm
 Thickness : 66 mm

NOFISOL® EP 8 Alu Foil

Length x width : 1200 x 1000 mm
 Density : 8 kg/m²
 Self adhesive : Yes
 Layers : double sided



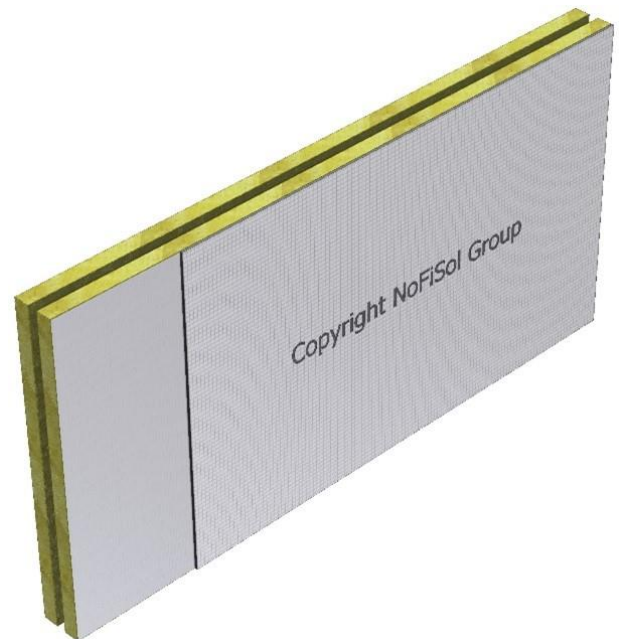
Prestations

Sound insulation : 45 dB
 Fire resistance : EI 60 / EW 120 / E 120
 Smoke resistance : 202 minutes
 Smoke leakage : Sa & S200
 Eurofins VOC : Indoor Air Comfort **GOLD**
 French VOC Regulation : Indoor Air Climate A+
 Cradle to Cradle Certified® : Silver v4.0
 Biogenic Carbon Content : Zero Footprint at factory gate

Sound insulation

	125 Hz	250 Hz	500 Hz	1k Hz	2k Hz	4k Hz
	16.3	30.6	42.7	51.3	59.5	63.7
1/3 oct.	26.0	36.8	42.9	55.5	62.1	61.9
	28.3	40.6	43.8	57.7	64.0	61.6
1/1 oct.	20.4	34.1	43.1	54.0	61.5	62.3

Sound insulation: $R_w(C;Ctr) = 45 (-3,-10)$ dB ISO 717-1:1996



This product sheet has been compiled based on both the current state of technology and current legislation and regulations. Since both legislation and regulations as well as the state of the art are subject to changes, this product sheet is also subject to changes. It is therefore recommended that you always check whether you are in possession of the latest current edition of this product sheet. For details regarding the correct area of application, associated restrictions, boundaries and connections, we refer, among other things, to the Expert Judgments drawn up by Peutz BV, or we request that you contact us. No rights or obligations can be derived from this product sheet.

Nofisol Europe BV
 Everdenberg 9-d
 4902 TT Oosterhout

Postbus 4042
 4900 CA Oosterhout

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

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

Fire Resistance

Integrity (E)	: E 120
Heat radiation (W)	: EW 120
Thermal Insulation	: EI 60

Fire Behaviour

Fire class	
NOFISOL® Base element	: B-s1-d0 Überwacht door MPA Dresden
NOFISOL® EP Alu Foil	: A2-s1,d0*

Smoke resistance / Smoke permeability

Smoke resistance	: 202 min based on NEN 6075-2011
Smoke permeability	: Sa / S200 based on EN 1634-3:2004 + AC: 2006

Classification Sa	: Pass – Maximum seam length 39.2 m ¹
Classification S200	: Pass – Maximum seam length 41.7 m ¹

When determining the maximum NOFISOL® seam length, the connection of the bandrastrer with the underlying wall does not count.

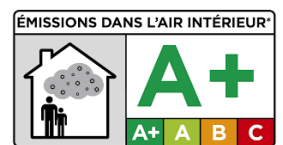
Cradle to Cradle Certified® - click for [database](#)

Level	: Silver v4.0
Material Health	: Silver v4.0
Product Circularity level	: Silver v4.0
Renewable Energy	: Silver v4.0
Carbon Management	: Silver v4.0
Water & Soil Stewardship	: Silver v4.0
Social Fairness	: Silver v4.0



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

Level	: Indoor Air Comfort GOLD		
	: Regular Inspection of production facility and;		
	: Regular product testing by Eurofins for VOC Emissions		
French VOC Regulation	: Class A+	Belgium VOC Regulation	: Pass
German AgBB/ABG	: Pass	Italian CAM Edilizia	: Pass
EU Taxonomy Regulation	: Pass	LEED (ACP)	: Pass
BREEAM New Construction	: Pass	Well Building	: Pass
SKA Rating	: Pass	French HQE certification	: Pass
Blue Angel DE-UZ 132	: Pass	M1	: Pass
Danish Indoor Climate Label	: Emission Class 1	BVB Sweden	: Pass
Miljöbyggnad Sweden	: Pass	Nordic Swan	: Pass
Eco Product Norway	: Pass	Cradle to Cradle	: Pass
Very low emitting products	: according to EN 16798-1	Singapore	: Green label
Global Green Tag	: Pass	Declare 2.0	: Pass



Environmental Product Declaration / Life Cycle Analysis

A Life Cycle Analysis has been carried out for Nofisol 45 High Value dB 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 these have been checked and approved by independent third parties (officially recognized by the relevant Database).

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



This product sheet has been compiled based on both the current state of technology and current legislation and regulations. Since both legislation and regulations as well as the state of the art are subject to changes, this product sheet is also subject to changes. It is therefore recommended that you always check whether you are in possession of the latest current edition of this product sheet. For details regarding the correct area of application, associated restrictions, boundaries and connections, we refer, among other things, to the Expert Judgments drawn up by Peutz BV, or we request that you contact us. No rights or obligations can be derived from this product sheet

Nofisol Europe BV
Everdenberg 9-d
4902 TT Oosterhout

Postbus 4042
4900 CA Oosterhout

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

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

Installation (short version)

NOFISOL® 45 High Value dB as Sound barrier

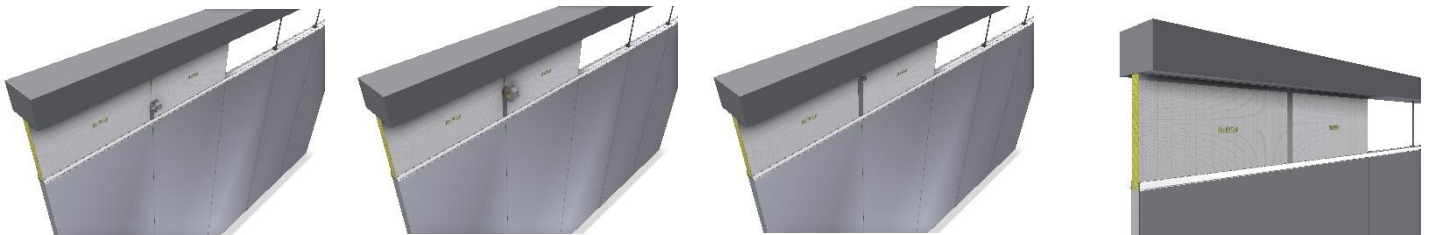
Measure the NOFISOL® 45 High Value dB basic element with a small excess, so that it can be fitted tightly between the constructions. The base elements can be made to measure on site using, among other things, an insulation knife or saw with fine teeth. Before cutting/sawing to size, mark off the correct height and cut the aluminum foil on both sides of the Barrier. Place the base element in place and tilt it into its final position. Then apply the self-adhesive NOFISOL® EP 8 Alu foil to both sides of the base element as follows::

- Measure the height from the top of the bandraaster to the building structure and transfer these dimensions to the NOFISOL® EP 8 Alu Foil;
- Cut the NOFISOL® EP 8 Alu foil to the correct height and, if necessary, divide the length into 2 or 3 parts for convenience (not mandatory) to facilitate the application of the NOFISOL® EP 8 Alu foil;
- Remove the protective cover from the NOFISOL® EP 8 Alu foil at an angle over a length of approx. 3-5 cm;
- Position the NOFISOL® EP 8 Alu foil in the right place and press it firmly onto the base element;
- Carefully remove the protective cover and at the same time press the NOFISOL® EP 8 Alu Foil onto the base element in such a way that no “air bubbles” can form under the NOFISOL® EP 8 Alu Foil;
- If fastening elements protrude from the base element, the NOFISOL® EP 8 Alu Foil must be cut in those places so that they also protrude through the NOFISOL® EP 8 Alu Foil without causing “air bubbles”;
- The next piece of NOFISOL® EP 8 Alu Foil is applied next to the previously mounted element in such a way that they fit tightly without overlapping.

The NOFISOL® EP 8 Alu foil can easily be cut to size or processed for penetrations and openings. Taping the seams with each other and with the surrounding building construction with NOFISOL® Alu tape is NOT necessary.

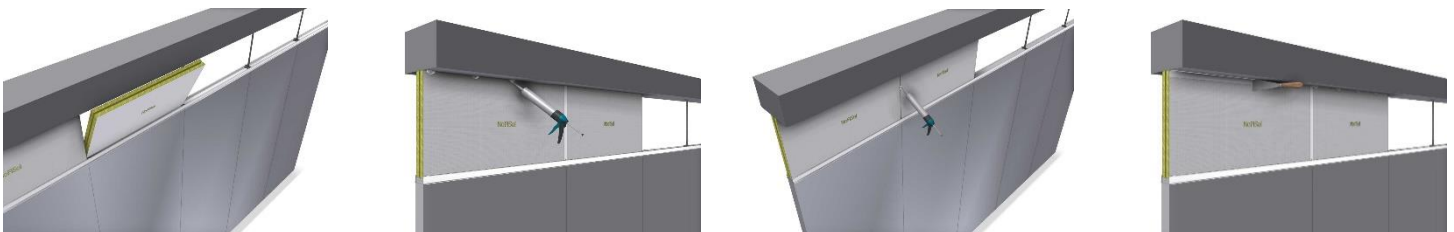
EXTRA processing when used as smoke barrier

Tape the basic 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 bandraaster does not need to be taped. Then apply the EP 8 Alu foil.



EXTRA processing when used as Fire Barrier

Prior to the installation of the NOFISOL® Barriers, place 2 strips of 12.5 mm plaster in the bandraaster. Install the NOFISOL® Barriers according to the installation instructions “Sound barrier”. Then, before applying the NOFISOL® EP 8 Alu foil, the seams between the basic elements and the structural structure must be provided with NOFISOL® fire-resistant adhesive. The NOFISOL® fire-resistant adhesive must be applied in dots every 10 cm in the seams with each other and with the surrounding building construction (not the bandraaster) using a caulking gun. Taping the seams with NOFISOL® Alu Tape is NOT necessary.



For detailed installation instructions, please refer to our website www.nofisol.com.

This product sheet has been compiled based on both the current state of technology and current legislation and regulations. Since both legislation and regulations as well as the state of the art are subject to changes, this product sheet is also subject to changes. It is therefore recommended that you always check whether you are in possession of the latest current edition of this product sheet. For details regarding the correct area of application, associated restrictions, boundaries and connections, we refer, among other things, to the Expert Judgments drawn up by Peutz BV, or we request that you contact us. No rights or obligations can be derived from this product sheet

Nofisol Europe BV
Everdenberg 9-d
4902 TT Oosterhout

Postbus 4042
4900 CA Oosterhout

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

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

NOFISOL® eXtreme 40-H

NOFISOL® eXtreme 40-H NOFISOL® eXtreme 40-H is an Sound Barrier specifically developed to seal the gaps above lightweight partition walls and below raised floors. The use of Nofisol eXtreme 40-H Barriers boards improves the longitudinal noise insulation of a building.

The NOFISOL® eXtreme Barriers are always provided with a special glass fiber reinforced aluminum foil and are provided with the required self-adhesive Nofisol EP E Alu foil which must be applied on one side during installation. The thickness of the base element is always 66 mm and is tailored to the standard 100 mm bandraaster that is frequently used, this ensures a simple, well-fitting mounting of the barrier to the underlying construction.

De Nofisol High Value dB Barriers are in stock in 3 sizes (1200x600 / 1200x1000 / 1200x2000mm), making 24-hour delivery possible. Deviating sizes are available within a few days, of course, depending on the requested quantities and dimensions.

Dimensions

NOFISOL® Base element

Length : 1200 mm
 Height : 600 / 1000 variable between 80-2000 mm
 Thickness : 66 mm

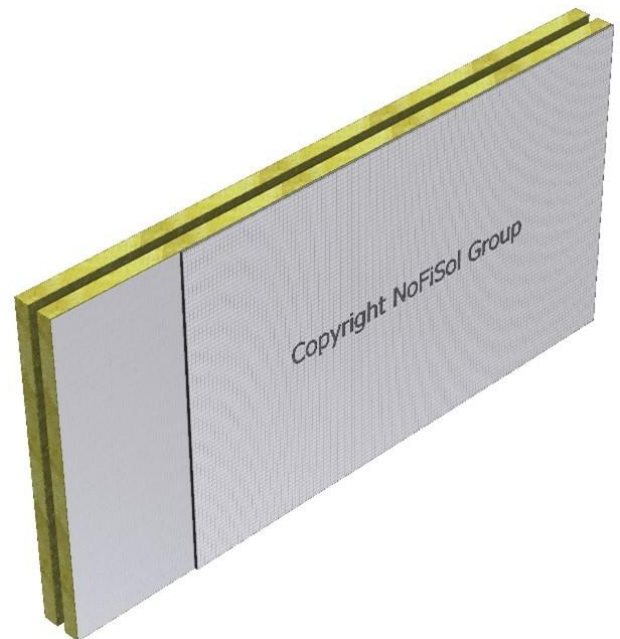
NOFISOL® EP E Alu Foil

Length x width : 1200 x 1000 mm
 Density : 10 kg/m²
 Self adhesive : Yes
 Layers : single sided



Prestations

Sound insulation : 40 dB
 Fire resistance : EI 45 / EW 120 / E 120
 Smoke resistance : 202 minutes
 Smoke leakage : Sa & S200
 Eurofins VOC : Indoor Air Comfort **GOLD**
 French VOC Regulation : Indoor Air Climate A+
 Cradle to Cradle Certified® : Silver v4.0
 Biogenic Carbon Content : Zero Footprint at factory gate



Sound insulation

	125 Hz	250 Hz	500 Hz	1k Hz	2k Hz	4k Hz
	18.1	27.3	35.9	44.5	48.1	56.7
1/3 oct.	17.9	31.3	38.3	48.5	52.2	58.0
	22.1	33.0	39.1	46.9	54.3	59.3
1/1 oct.	19.0	29.9	37.5	46.3	50.8	57.9

Sound insulation: $R_w(C;Ctr) = 40 (-2,-7)$ dB ISO 717-1:1996



This product sheet has been compiled based on both the current state of technology and current legislation and regulations. Since both legislation and regulations as well as the state of the art are subject to changes, this product sheet is also subject to changes. It is therefore recommended that you always check whether you are in possession of the latest current edition of this product sheet. For details regarding the correct area of application, associated restrictions, boundaries and connections, we refer, among other things, to the Expert Judgments drawn up by Peutz BV, or we request that you contact us. No rights or obligations can be derived from this product sheet.

Nofisol Europe BV
 Everdenberg 9-d
 4902 TT Oosterhout

Postbus 4042
 4900 CA Oosterhout

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

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

Fire Resistance

Integrity (E)	: E 120
Heat radiation (W)	: EW 120
Thermal Insulation	: EI 45

Fire Behaviour

Fire class	
NOFISOL® Base element	: B-s1-d0 Überwacht door MPA Dresden
NOFISOL® EP Alu Foil	: A2-s1,d0*

Smoke resistance / Smoke permeability

Smoke resistance	: 202 min based on NEN 6075-2011
Smoke permeability	: Sa / S200 based on EN 1634-3:2004 + AC: 2006

Classification Sa	: Pass – Maximum seam length 39.2 m ¹
Classification S200	: Pass – Maximum seam length 41.7 m ¹

When determining the maximum NOFISOL® seam length, the connection of the bandrastrer with the underlying wall does not count.

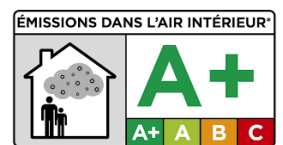
Cradle to Cradle Certified® - click for [database](#)

Level	: Silver v4.0
Material Health	: Silver v4.0
Product Circularity level	: Silver v4.0
Renewable Energy	: Silver v4.0
Carbon Management	: Silver v4.0
Water & Soil Stewardship	: Silver v4.0
Social Fairness	: Silver v4.0



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

Level	: Indoor Air Comfort GOLD		
	: Regular Inspection of production facility and;		
	: Regular product testing by Eurofins for VOC Emissions		
French VOC Regulation	: Class A+	Belgium VOC Regulation	: Pass
German AgBB/ABG	: Pass	Italian CAM Edilizia	: Pass
EU Taxonomy Regulation	: Pass	LEED (ACP)	: Pass
BREEAM New Construction	: Pass	Well Building	: Pass
SKA Rating	: Pass	French HQE certification	: Pass
Blue Angel DE-UZ 132	: Pass	M1	: Pass
Danish Indoor Climate Label	: Emission Class 1	BVB Sweden	: Pass
Miljöbyggnad Sweden	: Pass	Nordic Swan	: Pass
Eco Product Norway	: Pass	Cradle to Cradle	: Pass
Very low emitting products	: according to EN 16798-1	Singapore	: Green label
Global Green Tag	: Pass	Declare 2.0	: Pass



Environmental Product Declaration / Life Cycle Analysis

A Life Cycle Analysis has been carried out for NOFISOL® eXtreme Barriers 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 these have been checked and approved by independent third parties (officially recognized by the relevant Database).

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



This product sheet has been compiled based on both the current state of technology and current legislation and regulations. Since both legislation and regulations as well as the state of the art are subject to changes, this product sheet is also subject to changes. It is therefore recommended that you always check whether you are in possession of the latest current edition of this product sheet. For details regarding the correct area of application, associated restrictions, boundaries and connections, we refer, among other things, to the Expert Judgments drawn up by Peutz BV, or we request that you contact us. No rights or obligations can be derived from this product sheet

Nofisol Europe BV
Everdenberg 9-d
4902 TT Oosterhout

Postbus 4042
4900 CA Oosterhout

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

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

Installation (short version)

NOFISOL® eXtreme 40-H as Sound barrier

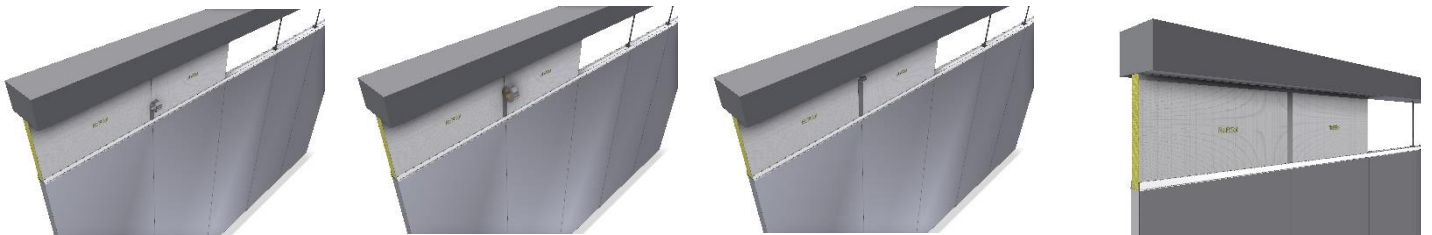
Measure the NOFISOL® eXtreme 40-H basic element with a small excess, so that it can be fitted tightly between the constructions. The base elements can be made to measure on site using, among other things, an insulation knife or saw with fine teeth. Before cutting/sawing to size, mark off the correct height and cut the aluminum foil on both sides of the Barrier. Place the base element in place and tilt it into its final position. Then apply the self-adhesive NOFISOL® EP E Alu foil to one side of the base element as follows:

- Measure the height from the top of the bandraaster to the building structure and transfer these dimensions to the NOFISOL® EP E Alu Foil;
- Cut the NOFISOL® EP E Alu foil to the correct height and, if necessary, divide the length into 2 or 3 parts for convenience (not mandatory) to facilitate the application of the NOFISOL® EP E Alu foil;
- Remove the protective cover from the NOFISOL® EP E Alu foil at an angle over a length of approx. 3-5 cm;
- Position the NOFISOL® EP E Alu foil in the right place and press it firmly onto the base element;
- Carefully remove the protective cover and at the same time press the NOFISOL® EP E Alu Foil onto the base element in such a way that no “air bubbles” can form under the NOFISOL® EP E Alu Foil;
- If fastening elements protrude from the base element, the NOFISOL® EP E Alu Foil must be cut in those places so that they also protrude through the NOFISOL® EP E Alu Foil without causing “air bubbles”;
- The next piece of NOFISOL® EP E Alu Foil is applied next to the previously mounted element in such a way that they fit tightly without overlapping.

The NOFISOL® EP E Alu foil can easily be cut to size or processed for penetrations and openings. Taping the seams with each other and with the surrounding building construction with NOFISOL® Alu tape is NOT necessary.

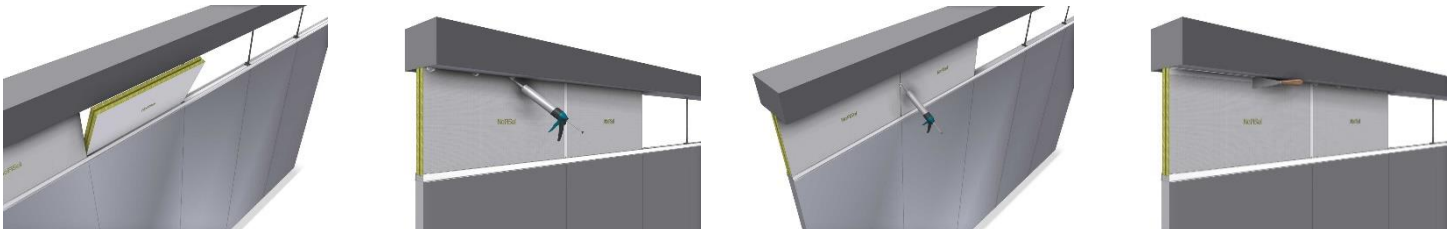
EXTRA processing when used as smoke barrier

Tape the basic 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 bandraaster does not need to be taped. Then apply the EP E Alu foil.



EXTRA processing when used as Fire Barrier

Prior to the installation of the NOFISOL®, place 2 strips of 12.5 mm plaster in the bandraaster. Install the NOFISOL® Barriers according to the installation instructions “Sound barrier”. Then, before applying the NOFISOL® EP E Alu foil, the seams between the basic elements and the structural structure must be provided with NOFISOL® fire-resistant adhesive. The NOFISOL® fire-resistant adhesive must be applied in dots every 10 cm in the seams with each other and with the surrounding building construction (not the bandraaster) using a caulking gun. Taping the seams with NOFISOL® Alu Tape is NOT necessary.



For detailed installation instructions, please refer to our website www.nofisol.com.

This product sheet has been compiled based on both the current state of technology and current legislation and regulations. Since both legislation and regulations as well as the state of the art are subject to changes, this product sheet is also subject to changes. It is therefore recommended that you always check whether you are in possession of the latest current edition of this product sheet. For details regarding the correct area of application, associated restrictions, boundaries and connections, we refer, among other things, to the Expert Judgments drawn up by Peutz BV, or we request that you contact us. No rights or obligations can be derived from this product sheet

Nofisol Europe BV
Everdenberg 9-d
4902 TT Oosterhout

Postbus 4042
4900 CA Oosterhout

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

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

NOFISOL® eXtreme 47

NOFISOL® eXtreme 47 NOFISOL® eXtreme 47 is an Sound Barrier specifically developed to seal the gaps above lightweight partition walls and below raised floors. The use of Nofisol 33 Sound Barriers boards improves the longitudinal noise insulation of a building.

The NOFISOL® High Value dB Barriers are always provided with a special glass fiber reinforced aluminum foil and are provided with the required self-adhesive Nofisol EP E Alu foil which must be applied on both sides during installation. The thickness of the base element is always 66 mm and is tailored to the standard 100 mm bandraaster that is frequently used, this ensures a simple, well-fitting mounting of the barrier to the underlying construction.

De Nofisol High Value dB Barriers are in stock in 3 sizes (1200x600 / 1200x1000 / 1200x2000mm), making 24-hour delivery possible. Deviating sizes are available within a few days, of course, depending on the requested quantities and dimensions.

Dimensions

NOFISOL® Base element

Length : 1200 mm
 Height : 600 / 1000 variable between 80-2000 mm
 Thickness : 66 mm

NOFISOL® EP E Alu Foil

Length x width : 1200 x 1000 mm
 Density : 10 kg/m²
 Self adhesive : Yes
 Layers : double sided



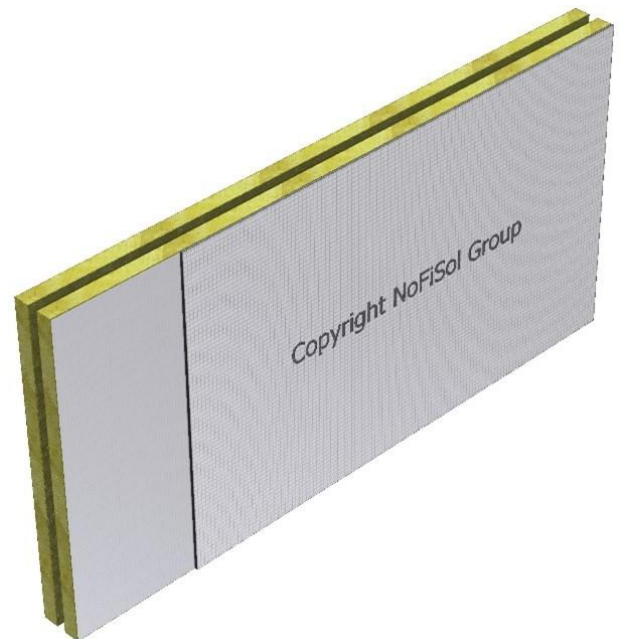
Prestations

Sound insulation : 47 dB
 Fire resistance : EI 60 / EW 120 / E 120
 Smoke resistance : 202 minutes
 Smoke leakage : Sa & S200
 Eurofins VOC : Indoor Air Comfort GOLD
 French VOC Regulation : Indoor Air Climate A+
 Cradle to Cradle Certified® : Silver v4.0
 Biogenic Carbon Content : Zero Footprint at factory gate

Sound insulation

	125 Hz	250 Hz	500 Hz	1k Hz	2k Hz	4k Hz
	25.3	37.5	40.2	49.0	55.1	61.8
1/3 oct.	30.6	38.3	41.9	53.1	56.2	61.7
	35.2	40.1	42.5	53.5	60.2	61.2
1/1 oct.	28.6	38.5	41.4	51.4	56.7	61.6

Sound insulation: $R_w(C;Ctr) = 47 (-1,-6)$ dB ISO 717-1:1996



This product sheet has been compiled based on both the current state of technology and current legislation and regulations. Since both legislation and regulations as well as the state of the art are subject to changes, this product sheet is also subject to changes. It is therefore recommended that you always check whether you are in possession of the latest current edition of this product sheet. For details regarding the correct area of application, associated restrictions, boundaries and connections, we refer, among other things, to the Expert Judgments drawn up by Peutz BV, or we request that you contact us. No rights or obligations can be derived from this product sheet.

Nofisol Europe BV
 Everdenberg 9-d
 4902 TT Oosterhout

Postbus 4042
 4900 CA Oosterhout

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

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

Fire Resistance

Integrity (E)	: E 120
Heat radiation (W)	: EW 120
Thermal Insulation	: EI 60

Fire Behaviour

Fire class	
NOFISOL® Base element	: B-s1-d0 Überwacht door MPA Dresden
NOFISOL® EP Alu Foil	: A2-s1,d0*

Smoke resistance / Smoke permeability

Smoke resistance	: 202 min based on NEN 6075-2011
Smoke permeability	: Sa / S200 based on EN 1634-3:2004 + AC: 2006

Classification Sa	: Pass – Maximum seam length 39.2 m ¹
Classification S200	: Pass – Maximum seam length 41.7 m ¹

When determining the maximum NOFISOL® seam length, the connection of the bandrastrer with the underlying wall does not count.

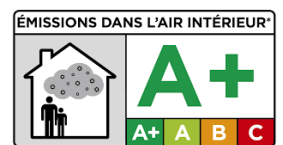
Cradle to Cradle Certified® - click for [database](#)

Level	: Silver v4.0
Material Health	: Silver v4.0
Product Circularity level	: Silver v4.0
Renewable Energy	: Silver v4.0
Carbon Management	: Silver v4.0
Water & Soil Stewardship	: Silver v4.0
Social Fairness	: Silver v4.0



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

Level	: Indoor Air Comfort GOLD		
	: Regular Inspection of production facility and;		
	: Regular product testing by Eurofins for VOC Emissions		
French VOC Regulation	: Class A+	Belgium VOC Regulation	: Pass
German AgBB/ABG	: Pass	Italian CAM Edilizia	: Pass
EU Taxonomy Regulation	: Pass	LEED (ACP)	: Pass
BREEAM New Construction	: Pass	Well Building	: Pass
SKA Rating	: Pass	French HQE certification	: Pass
Blue Angel DE-UZ 132	: Pass	M1	: Pass
Danish Indoor Climate Label	: Emission Class 1	BVB Sweden	: Pass
Miljöbyggnad Sweden	: Pass	Nordic Swan	: Pass
Eco Product Norway	: Pass	Cradle to Cradle	: Pass
Very low emitting products	: according to EN 16798-1	Singapore	: Green label
Global Green Tag	: Pass	Declare 2.0	: Pass



Environmental Product Declaration / Life Cycle Analysis

A Life Cycle Analysis has been carried out for Nofisol eXtreme 47 barrier 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 these have been checked and approved by independent third parties (officially recognized by the relevant Database).

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



This product sheet has been compiled based on both the current state of technology and current legislation and regulations. Since both legislation and regulations as well as the state of the art are subject to changes, this product sheet is also subject to changes. It is therefore recommended that you always check whether you are in possession of the latest current edition of this product sheet. For details regarding the correct area of application, associated restrictions, boundaries and connections, we refer, among other things, to the Expert Judgments drawn up by Peutz BV, or we request that you contact us. No rights or obligations can be derived from this product sheet

Nofisol Europe BV
Everdenberg 9-d
4902 TT Oosterhout

Postbus 4042
4900 CA Oosterhout

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

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

Installation (short version)

NOFISOL® eXtreme 47 as Sound barrier

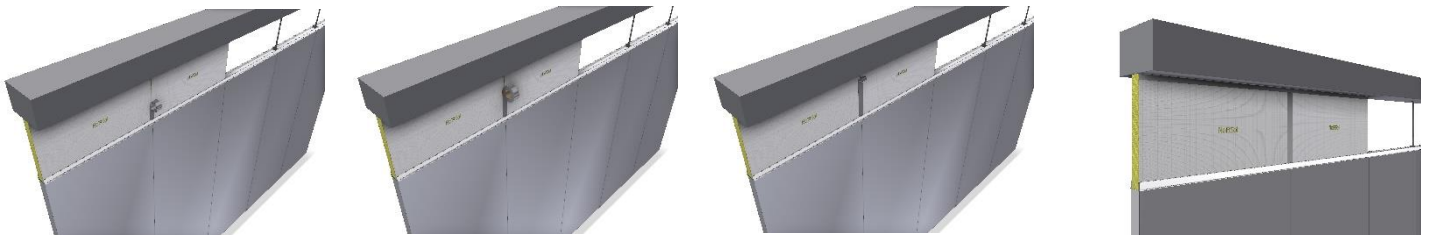
Measure the NOFISOL® eXtreme 47 basic element with a small excess, so that it can be fitted tightly between the constructions. The base elements can be made to measure on site using, among other things, an insulation knife or saw with fine teeth. Before cutting/sawing to size, mark off the correct height and cut the aluminum foil on both sides of the Barrier. Place the base element in place and tilt it into its final position. Then apply the self-adhesive NOFISOL® EP E Alu foil to both sides of the base element as follows:

- Measure the height from the top of the bandraaster to the building structure and transfer these dimensions to the NOFISOL® EP E Alu Foil;
- Cut the NOFISOL® EP E Alu foil to the correct height and, if necessary, divide the length into 2 or 3 parts for convenience (not mandatory) to facilitate the application of the NOFISOL® EP E Alu foil;
- Remove the protective cover from the NOFISOL® EP E Alu foil at an angle over a length of approx. 3-5 cm;
- Position the NOFISOL® EP E Alu foil in the right place and press it firmly onto the base element;
- Carefully remove the protective cover and at the same time press the NOFISOL® EP E Alu Foil onto the base element in such a way that no “air bubbles” can form under the NOFISOL® EP E Alu Foil;
- If fastening elements protrude from the base element, the NOFISOL® EP E Alu Foil must be cut in those places so that they also protrude through the NOFISOL® EP E Alu Foil without causing “air bubbles”;
- The next piece of NOFISOL® EP E Alu Foil is applied next to the previously mounted element in such a way that they fit tightly without overlapping.

The NOFISOL® EP E Alu foil can easily be cut to size or processed for penetrations and openings. Taping the seams with each other and with the surrounding building construction with NOFISOL® Alu tape is NOT necessary.

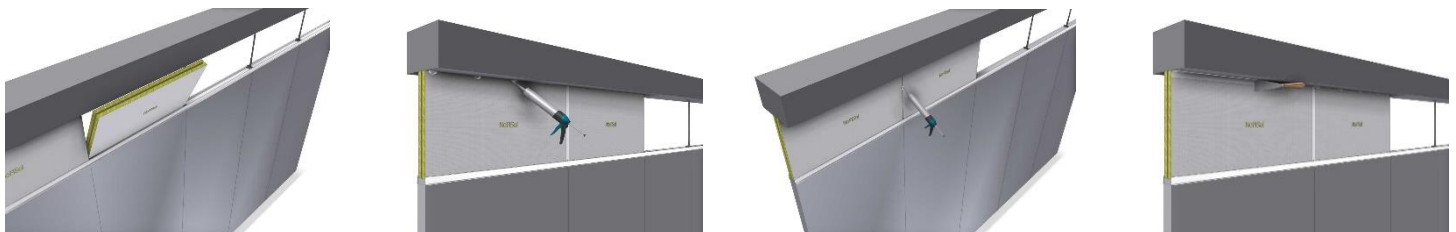
EXTRA processing when used as smoke barrier

Tape the basic 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 bandraaster does not need to be taped. Then apply the EP E Alu foil.



EXTRA processing when used as Fire Barrier

Prior to the installation of the NOFISOL® Barriers, place 2 strips of 12.5 mm plaster in the bandraaster. Install the NOFISOL® Barriers according to the installation instructions “Sound barrier”. Then, before applying the NOFISOL® EP E Alu foil, the seams between the basic elements and the structural structure must be provided with NOFISOL® fire-resistant adhesive. The NOFISOL® fire-resistant adhesive must be applied in dots every 10 cm in the seams with each other and with the surrounding building construction (not the bandraaster) using a caulking gun. Taping the seams with NOFISOL® Alu Tape is NOT necessary.



For detailed installation instructions, please refer to our website www.nofisol.com.

This product sheet has been compiled based on both the current state of technology and current legislation and regulations. Since both legislation and regulations as well as the state of the art are subject to changes, this product sheet is also subject to changes. It is therefore recommended that you always check whether you are in possession of the latest current edition of this product sheet. For details regarding the correct area of application, associated restrictions, boundaries and connections, we refer, among other things, to the Expert Judgments drawn up by Peutz BV, or we request that you contact us. No rights or obligations can be derived from this product sheet

Nofisol Europe BV
Everdenberg 9-d
4902 TT Oosterhout

Postbus 4042
4900 CA Oosterhout

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

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

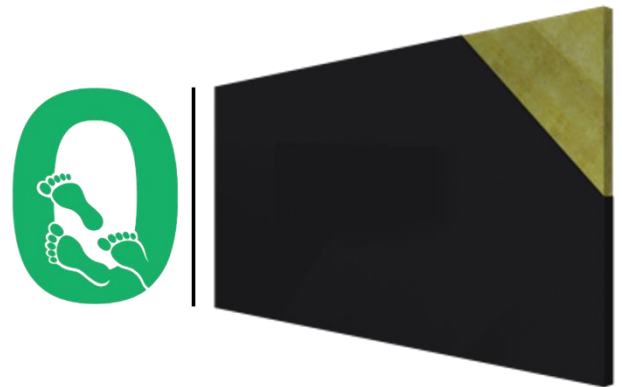
NOFISOL® Seal S 100/20

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

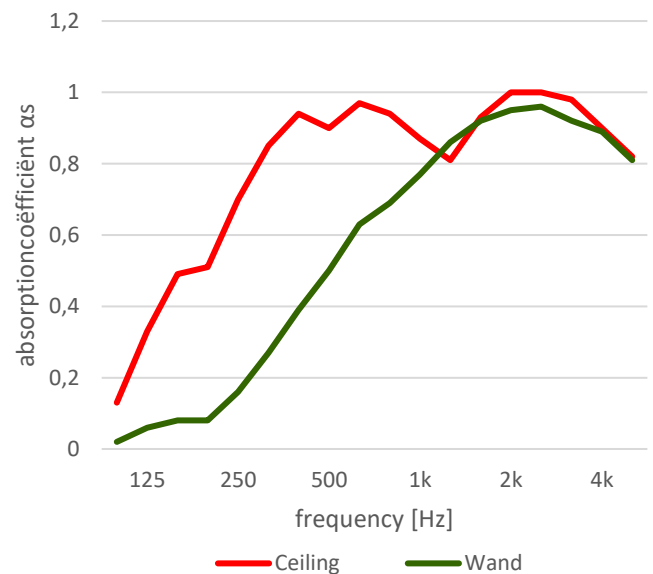
Eurofins VOC	: Indoor Air Comfort
CSTB VOC	: Class A
Cradle to Cradle Certified®	: Bronze v4.0
Biogenic Carbon Content	: Zero Footprint at factory gate



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	0.92/0.08	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

Nofisol Europe BV
Everdenberg 9-d
4902 TT Oosterhout

Postbus 4042
4900 CA Oosterhout

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

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

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

Level	: Bronze v4.0
Material Health	: Bronze v4.0
Product Circularity level	: Bronze v4.0
Renewable Energy	: Bronze v4.0
Carbon Management	: Bronze v4.0
Water & Soil Stewardship	: Bronze v4.0
Social Fairness	: Bronze v4.0



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](#)



Nofisol Europe BV
Everdenberg 9-d
4902 TT Oosterhout

Postbus 4042
4900 CA Oosterhout

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

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

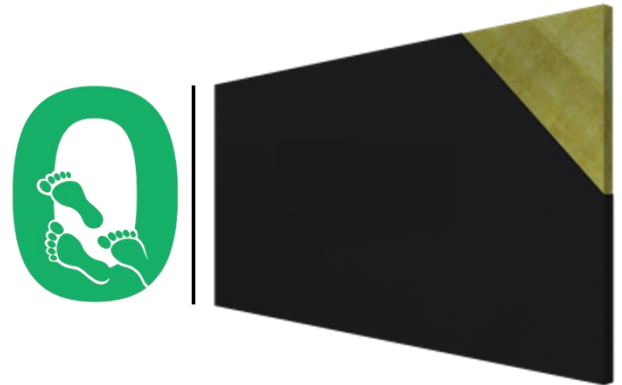
NOFISOL® Seal S 60/25

NOFISOL® Seal S 60/25 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	: 25 mm
Stonewool	: Density 60 kg/m ³
Foil	: Matt black HDPE Foil
Perforation	: Micro perforated
Thickness Foil	: Acoustical open, 0.03 mm

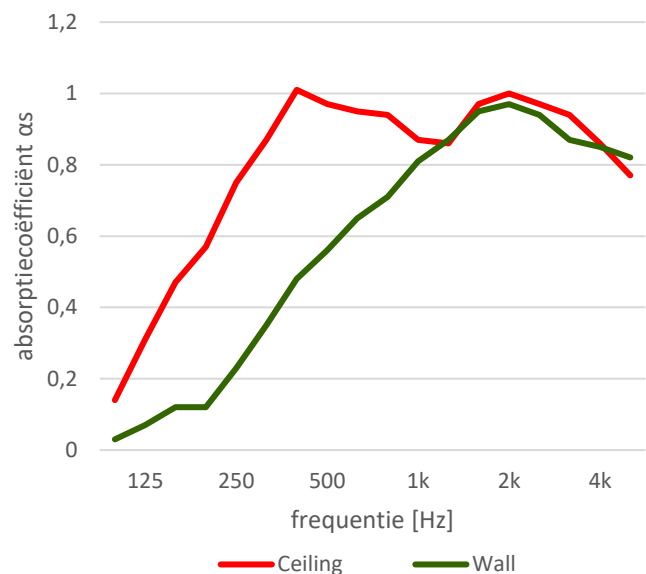
Eurofins VOC	: Indoor Air Comfort
CSTB VOC	: Class A
Cradle to Cradle Certified®	: Bronze v4.0
Biogenic Carbon Content	: Zero Footprint at factory gate



Sound absorption

Ceiling	125 Hz	250 Hz	500 Hz	1k Hz	2k Hz	4k Hz
	0.14	0.57	1.01	0.94	0.97	0.94
1/3 oct.	0.31	0.75	0.97	0.87	1.00	0.86
	0.47	0.87	0.95	0.86	0.97	0.77
1/1 oct.	0.31	0.73	0.98	0.89	0.98	0.86

Wall	125 Hz	250 Hz	500 Hz	1k Hz	2k Hz	4k Hz
	0.03	0.12	0.48	0.71	0.95	0.87
1/3 oct.	0.07	0.23	0.56	0.81	0.97	0.85
	0.12	0.35	0.65	0.87	0.94	0.82
1/1 oct.	0.07	0.23	0.56	0.80	0.95	0.85



Ceiling

Absorption	= Class A
α_w (ISO 11654)	= 0.95
SAA (ASTM-C423)	= 0.89

Wall

Absorption	= Class D
α_w (ISO 11654)	= 0.55
SAA (ASTM-C423)	= 0.64

Euro fire classe

Stonewool : A1
HDPE Folie : B-s1,d0

Nofisol Europe BV
Everdenberg 9-d
4902 TT Oosterhout

Postbus 4042
4900 CA Oosterhout

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

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

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

Level	: Bronze v4.0
Material Health	: Bronze v4.0
Product Circularity level	: Bronze v4.0
Renewable Energy	: Bronze v4.0
Carbon Management	: Bronze v4.0
Water & Soil Stewardship	: Bronze v4.0
Social Fairness	: Bronze v4.0



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](#)



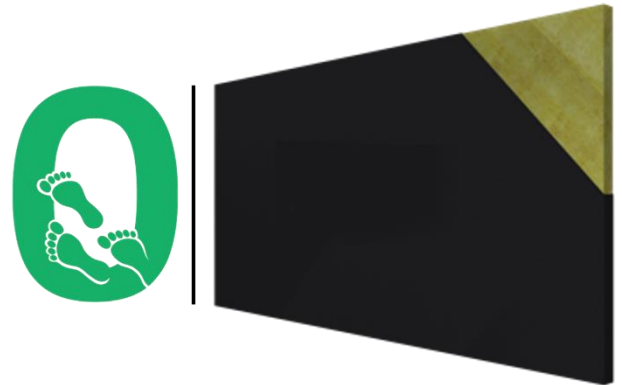
NOFISOL® Seal S 40/40

NOFISOL® Seal S 40/40 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	: 40 mm
Stonewool	: Density 40 kg/m ³
Foil	: Matt black HDPE Foil
Perforation	: Micro perforated
Thickness Foil	: Acoustical open, 0.03 mm

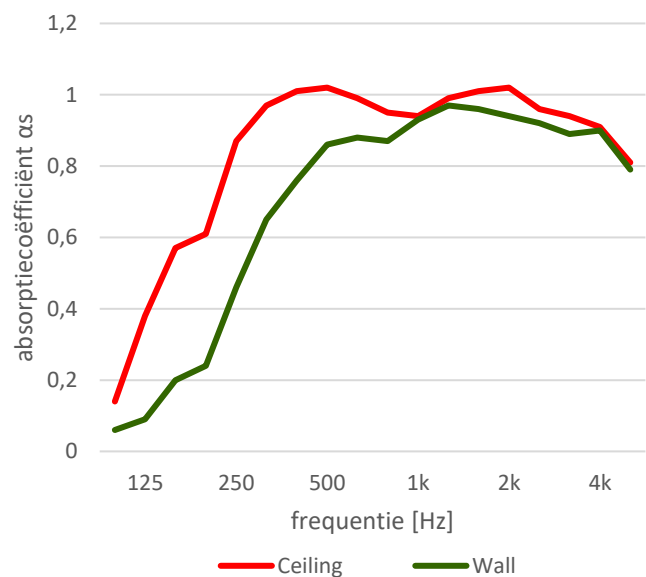
Eurofins VOC	: Indoor Air Comfort
CSTB VOC	: Class A
Cradle to Cradle Certified®	: Bronze v4.0
Biogenic Carbon Content	: Zero Footprint at factory gate



Sound absorption

Ceiling	125 Hz	250 Hz	500 Hz	1k Hz	2k Hz	4k Hz
	0.14	0.61	1.01	0.95	1.01	0.94
1/3 oct.	0.38	0.87	1.02	0.94	1.02	0.91
	0.57	0.97	0.99	0.99	0.96	0.81
1/1 oct.	0.36	0.82	1.01	0.96	1.00	0.89

Wall	125 Hz	250 Hz	500 Hz	1k Hz	2k Hz	4k Hz
	0.06	0.24	0.76	0.87	0.96	0.89
1/3 oct.	0.09	0.46	0.86	0.93	0.94	0.90
	0.20	0.65	0.88	0.97	0.92	0.79
1/1 oct.	0.12	0.45	0.83	0.92	0.94	0.86



Ceiling

Absorption	= Class A
α_w (ISO 11654)	= 1.00
SAA (ASTM-C423)	= 0.95

Wall

Absorption	= Class B
α_w (ISO 11654)	= 0.75
SAA (ASTM-C423)	= 0.79

Euro fire classe

Stonewool : A1
HDPE Folie : B-s1,d0

Nofisol Europe BV
Everdenberg 9-d
4902 TT Oosterhout

Postbus 4042
4900 CA Oosterhout

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

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

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

Level	: Bronze v4.0
Material Health	: Bronze v4.0
Product Circularity level	: Bronze v4.0
Renewable Energy	: Bronze v4.0
Carbon Management	: Bronze v4.0
Water & Soil Stewardship	: Bronze v4.0
Social Fairness	: Bronze v4.0



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](#)



Nofisol Europe BV
Everdenberg 9-d
4902 TT Oosterhout

Postbus 4042
4900 CA Oosterhout

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

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

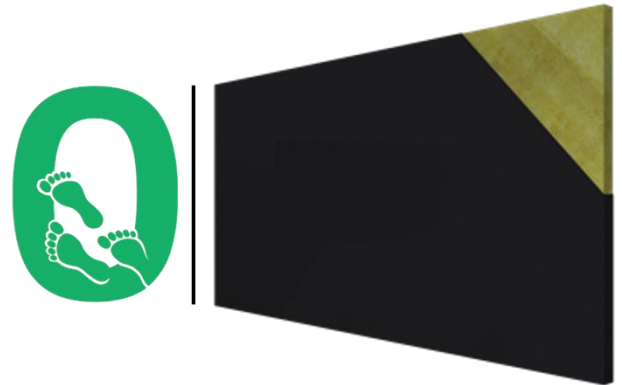
NOFISOL® Seal S 35/50

NOFISOL® Seal S 35/50 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	: 50 mm
Stonewool	: Density 35 kg/m ³
Foil	: Matt black HDPE Foil
Perforation	: Micro perforated
Thickness Foil	: Acoustical open, 0.03 mm

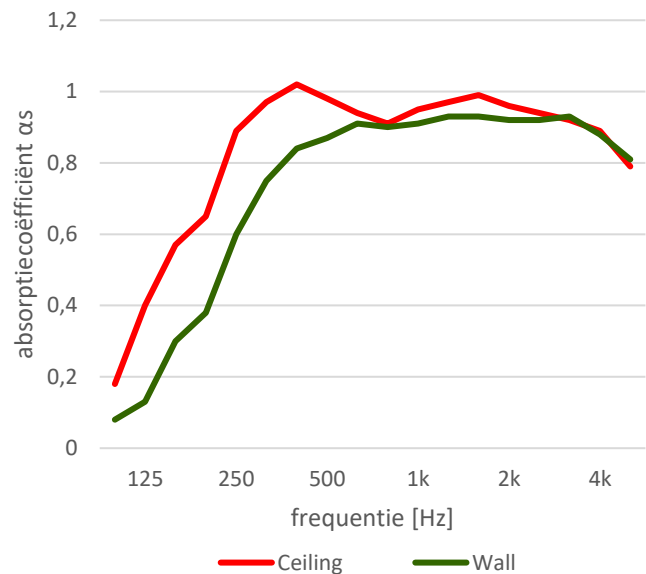
Eurofins VOC	: Indoor Air Comfort
CSTB VOC	: Class A
Cradle to Cradle Certified®	: Bronze v4.0
Biogenic Carbon Content	: Zero Footprint at factory gate



Sound absorption

Ceiling	125 Hz	250 Hz	500 Hz	1k Hz	2k Hz	4k Hz
	0.18	0.65	1.02	0.91	0.99	0.92
1/3 oct.	0.40	0.89	0.98	0.95	0.96	0.89
	0.57	0.97	0.94	0.97	0.94	0.79
1/1 oct.	0.38	0.84	0.98	0.94	0.96	0.87

Wall	125 Hz	250 Hz	500 Hz	1k Hz	2k Hz	4k Hz
	0.08	0.38	0.84	0.90	0.93	0.93
1/3 oct.	0.13	0.60	0.87	0.91	0.92	0.88
	0.30	0.75	0.91	0.93	0.92	0.81
1/1 oct.	0.17	0.58	0.87	0.91	0.92	0.87



Ceiling

Absorption	= Class A
α_w (ISO 11654)	= 0.95
SAA (ASTM-C423)	= 0.93

Wall

Absorption	= Class B
α_w (ISO 11654)	= 0.85
SAA (ASTM-C423)	= 0.82

Euro fire classe

Stonewool : A1
HDPE Folie : B-s1,d0

Nofisol Europe BV
Everdenberg 9-d
4902 TT Oosterhout

Postbus 4042
4900 CA Oosterhout

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

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

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

Level	: Bronze v4.0
Material Health	: Bronze v4.0
Product Circularity level	: Bronze v4.0
Renewable Energy	: Bronze v4.0
Carbon Management	: Bronze v4.0
Water & Soil Stewardship	: Bronze v4.0
Social Fairness	: Bronze v4.0



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](#)



Nofisol Europe BV
Everdenberg 9-d
4902 TT Oosterhout

Postbus 4042
4900 CA Oosterhout

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

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

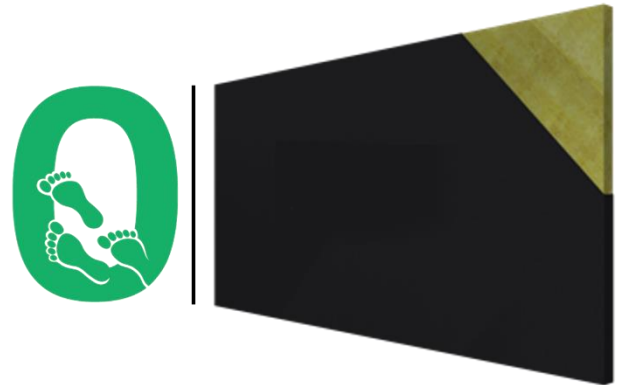
NOFISOL® Seal S 45/50

NOFISOL® Seal S 45/50 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	: 50 mm
Stonewool	: Density 45 kg/m ³
Foil	: Matt black HDPE Foil
Perforation	: Micro perforated
Thickness Foil	: Acoustical open, 0.03 mm

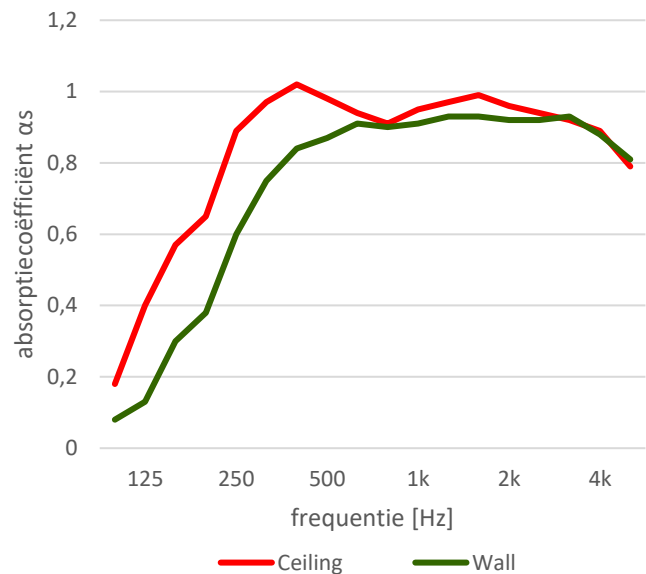
Eurofins VOC	: Indoor Air Comfort
CSTB VOC	: Class A
Cradle to Cradle Certified®	: Bronze v4.0
Biogenic Carbon Content	: Zero Footprint at factory gate



Sound absorption

Ceiling	125 Hz	250 Hz	500 Hz	1k Hz	2k Hz	4k Hz
	0.18	0.65	1.02	0.91	0.99	0.92
1/3 oct.	0.40	0.89	0.98	0.95	0.96	0.89
	0.57	0.97	0.94	0.97	0.94	0.79
1/1 oct.	0.38	0.84	0.98	0.94	0.96	0.87

Wall	125 Hz	250 Hz	500 Hz	1k Hz	2k Hz	4k Hz
	0.08	0.38	0.84	0.90	0.93	0.93
1/3 oct.	0.13	0.60	0.87	0.91	0.92	0.88
	0.30	0.75	0.91	0.93	0.92	0.81
1/1 oct.	0.17	0.58	0.87	0.91	0.92	0.87



Ceiling

Absorption	= Class A
α_w (ISO 11654)	= 0.95
SAA (ASTM-C423)	= 0.93

Wall

Absorption	= Class B
α_w (ISO 11654)	= 0.85
SAA (ASTM-C423)	= 0.82

Euro fire classe

Stonewool : A1
HDPE Folie : B-s1,d0

Nofisol Europe BV
Everdenberg 9-d
4902 TT Oosterhout

Postbus 4042
4900 CA Oosterhout

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

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

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

Level	: Bronze v4.0
Material Health	: Bronze v4.0
Product Circularity level	: Bronze v4.0
Renewable Energy	: Bronze v4.0
Carbon Management	: Bronze v4.0
Water & Soil Stewardship	: Bronze v4.0
Social Fairness	: Bronze v4.0



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](#)



Nofisol Europe BV
Everdenberg 9-d
4902 TT Oosterhout

Postbus 4042
4900 CA Oosterhout

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

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

NOFISOL® Black

NOFISOL® Black is a semi self-supporting stonewool slab faced one side with an industrial black glass tissue. The acoustical panels can be used on top of a suspended ceiling (suitable for standard T-24 systems) and/or in a wall construction to improve the overall room acoustics.

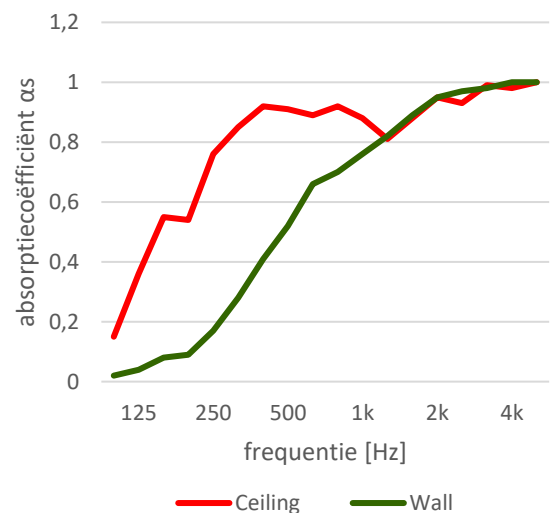
Technical Data :

Length	: T-24 Modul 1200 of 600 mm
Width	: T-24 Modul 600 mm
Thickness	: 20 mm
Density	: 100 kg/m ³
Glass tissue	: Black industrial glass tissue
Fire classification	: A1
French VOC Regulation	: Indoor Air Climate A
Biogenic Carbon	: Zero Footprint at factory gate



Sound absorption

Ceiling	125 Hz	250 Hz	500 Hz	1k Hz	2k Hz	4k Hz
	0.15	0.54	0.92	0.92	0.88	0.99
1/3 oct.	0.36	0.76	0.91	0.88	0.95	0.98
	0.55	0.85	0.89	0.81	0.93	1.00
1/1 oct.	0.35	0.72	0.91	0.87	0.92	0.99
Wall						
	0.02	0.09	0.41	0.70	0.89	0.98
1/3 oct.	0.04	0.17	0.52	0.76	0.95	1.00
	0.08	0.28	0.66	0.82	0.97	1.00
1/1 oct.	0.05	0.18	0.53	0.76	0.94	0.99



Ceiling	Wall
Absorption = Class A	Absorption = Class D
α_w (ISO 11654) = 0.90	α_w (ISO 11654) = 0.50
SAA (ASTM-C423) = 0.85	SAA (ASTM-C423) = 0.60



Environmental Product Declaration / Life Cycle Analysis

A Life Cycle Analysis has been carried out for Nofisol Black 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 these have been checked and approved by independent third parties (officially recognized by the relevant Database).

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



Nofisol Europe BV
Everdenberg 9-d
4902 TT Oosterhout

Postbus 4042
4900 CA Oosterhout

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

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

NoFISol

NoFISol

NoFISol

NoFISol

Nofisol Europe BV
Everdenberg 9-d
4902 TT Oosterhout

Postbus 4042
4900 CA Oosterhout

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

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