



## SONOREX® 33

### Noise barriers

#### MOST IMPORTANT ADVANTAGES

- Sound insulation  $R_w$  is 33 dB
- Eurofins Air Comfort Gold label
- Euroclass A2
- Customisable: less waste on the construction site



#### THE SYSTEM

SONOREX® 33 is a sound-insulating barrier consisting of two Isover stone wool panels (compressed), covered with reinforced aluminium foil. The noise barrier has an additional sound-insulating core of the innovative ULTIMATE™ lightweight stone wool.

#### APPLICATION

The SONOREX® 33 noise barrier has been specially developed for use on lightweight partition walls above suspended ceilings to improve the flanking sound insulation.

#### OVERVIEW PERFORMANCE & CONDITIONS

Sound insulation $R_w$ based on EN ISO 717	33 dB
Reaction to fire based on EN 13501-1	A2-s1,d0
Smoke permeability based on the Dutch standard NEN 6075	Sa & S200
Maximum height SONOREX® (smoke)	1200 mm
Weight SONOREX® 33	8.6 kg/m <sup>2</sup>

The SONOREX® products have been tested according to the standards stated in this product sheet. Contact us for questions about the application area, dimensions and connections.

#### DIMENSIONS\*

Standard height SONOREX®	600 mm
Maximum height SONOREX®	2000 mm
Standard length SONOREX®	1200 mm
Thickness SONOREX® 33	66 mm

\* SONOREX® is available in customized dimensions. Please contact us for more information.

#### SYSTEM SELECTOR

Our system selector helps you to easily find the right SONOREX® noise barrier for your project. Make your choice based on the requirements for fire and acoustic comfort in combination with a ceiling panel. Our SONOREX® noise barriers have been tested in combination with the most commonly used ceiling systems.

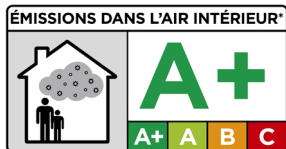


Visit [saint-gobain-solutions.nl/sonorex-systeemselector](https://saint-gobain-solutions.nl/sonorex-systeemselector) or scan the QR code.

# SONOREX® 33

## CERTIFICATION

- Eurofins Indoor Air Comfort Gold label, the best quality class for healthy indoor air.
- A+ (VOC).



## FIRE SAFETY

### Smoke permeability

SONOREX® 33 noise barriers are tested according to the Dutch standard NEN 6075. The smoke permeability of the components is expressed in Sa or S200. The Sa and S200 tests are always performed at a number of pressure differences. S200 delivers a higher performance than Sa.

- Sa: the component has been tested with cold smoke at a room temperature of  $\pm 20^{\circ}\text{C}$ .
- S200: the component has been tested with cold smoke at room temperature and at  $200^{\circ}\text{C}$ .

If there is a need to meet the smoke permeability requirements, then SONOREX® tape must be applied on one side.

## ACOUSTIC COMFORT

### Sound insulation

The SONOREX® 33 noise barrier has a (direct) sound insulation ( $R_w$ ) of 33 dB (laboratory value). This single-digit value  $R_w$  is determined in accordance with EN ISO 717. The underlying Peutz report is available for inspection. Ask our Customer Service about this.

### Flanking sound insulation

Sound transmission from one room to another can easily occur via the space above a suspended ceiling (the so-called plenum). This is called flanking sound insulation. SONOREX® noise barriers significantly reduce this sound transmission. In our SONOREX® selector you can easily find the calculated flanking sound insulation  $D_{n,f,w}$  value in combination with the desired ceiling panel. Visit [saint-gobain-solutions.nl/sonorex-systeemselector](https://saint-gobain-solutions.nl/sonorex-systeemselector) or scan the QR code.



## INSTALLATION

For application of the SONOREX® 33 noise barriers, we refer you to the SONOREX® installation instructions. You can download this at [saint-gobain-solutions.nl/sonorex-33](https://saint-gobain-solutions.nl/sonorex-33) or simply scan the QR code. If you have specific questions about the installation of SONOREX® 33, please contact us.



## BIM SERVICE

You can quickly and easily find BIM information in our specification service. Visit [saint-gobain-solutions.nl/tools](https://saint-gobain-solutions.nl/tools).

## CONTACT

Would you like personal advice about our SONOREX® noise barriers? Please contact our specialists at Customer Service.

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