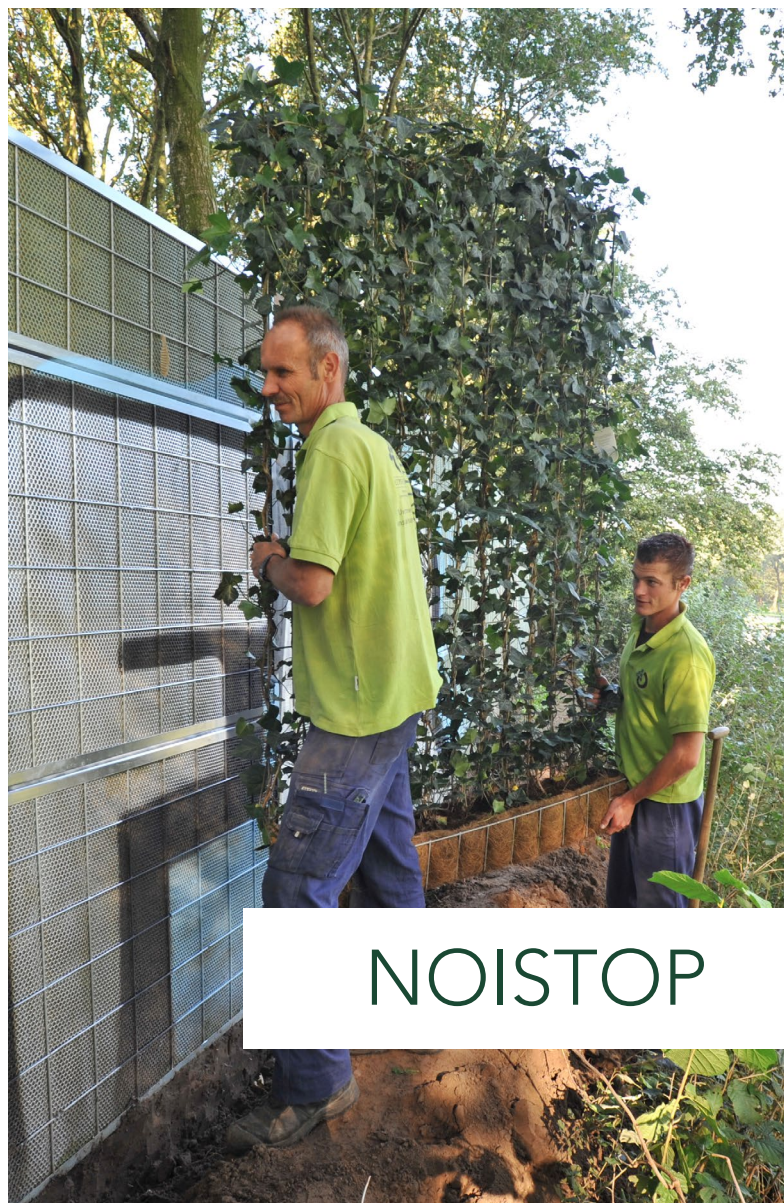




NOISTOP

Noise is a major source of nuisance. Noistop® by ROCKWOOL® ends this unnecessary irritation. Available in Essential, Wood and Steel versions, Noistop® reduces the noise level by 10 dB on average. Unlike many other acoustic barriers that only shield against noise, Noistop® also absorbs the sound waves. Noistop® therefore significantly reduces ambient noise. The noise-absorbing core consists of pressed water and UV resistant stone wool. Noistop® is easy to install up to a height of 2.7 metres, with no hoisting equipment required. Combine Noistop® with the Mobilane Green Screen to create an invisible green noise barrier. The greenery does not influence the noise absorption and insulation of the panels.

BENEFITS

- Immediate peace, privacy and safety
- Noise reduction separation
- Environmentally friendly application
- Can also be supplied in combination with a fully grown Mobilane Green Screen

Outdoor

Railways

School

Motorway

Public open spaces

FEATURES

- Significant noise reduction and absorption
- Choice of various types and dimensions
- Easy and quick installation
- Made from durable natural stone wool
- Maintenance free
- Narrow design
- Expected service life of at least 20 years
- Fully recyclable

TECHNICAL INFORMATION

MATERIAL

Noistop® Essential provides a modern look and has a slender construction. It offers unlimited design freedom and a customisable look. Noistop® Essential can be installed with or without wooden cladding. The wooden cladding, available as an accessory, can be easily mounted onto the module using a simple fixing technique and is available in a natural or a warm brown painting.

Noistop® Wood uses the same stone wool core as Noistop® Steel. It is finished with impregnated wood latticework, combined with aluminium strips and a black wire polyethylene mesh.

Noistop® Steel consists of a galvanised steel frame, a core of specially pressed stone wool and a green polyethylene mesh. Noistop® Steel can be combined with Mobilane Green Screen to provide a full foliage noise barrier.

Noistop® Essential is available directly from stock, Noistop® Wood and Steel on request.

DIMENSIONS

240 x 100/90/50 x 6 cm (Essential)

120 x 100/90/50 x 6 cm (Essential)

60 x 100/90/50 x 6 cm (Essential)

200 x 100/90/45 x 17 cm (Wood)

100 x 100/90/45 x 17 cm (Wood)

300 x 60 x 11 cm (Steel)

200 x 100/90/45 x 11 cm (Steel)

100 x 100/90/45 x 11 cm (Steel)

WEIGHT

The Noistop® Essential panel weighs approximately 23 kg/m² + 6 kg/m² for wooden cladding

The Noistop® Wood panel weighs approximately 30 kg/m²

The Noistop® Steel panel weighs approximately 25 kg/m²

NOISE INSULATION AND NOISE ABSORPTION

The resulting noise insulation and absorption depends on the height and length of the installed noise barrier as well as the location of the barrier in relation to the source of noise and the person hearing the noise.

- Noistop® Essential noise insulation: DLR: 18 dB(A) EU class B2
- Noistop® Essential noise absorption: DLα: 9 dB(A) EU class A3
- Noistop® Wood noise insulation: DLR: 21 dB(A) EU class B2
- Noistop® Wood noise absorption: DLα: 11 dB(A) EU class A3
- Noistop® Steel noise insulation: DLR: 22 dB(A) EU class B2
- Noistop® Steel noise absorption: DLα: 8 dB(A) EU class A3
- Noise reduction: between 9 and 12 dB(A), i.e. a reduction of 50 - 70% of the noise level experienced.

INSTALLATION EQUIPMENT & ACCESSORIES

Blending cover plates and doors are available for the Noistop® Steel & Wood acoustic barrier. For Noistop® Essential are Accompanying wooding cladding and doors available