



NOISTOP

Noise is a major source of nuisance. NoiStop ends this unnecessary irritation. Available in Wood, Steel and Essential 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 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 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 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.

#### DIMENSIONS

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)

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

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

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)

#### WEIGHT

The NoiStop Steel panel weighs approximately 25 kg/m<sup>2</sup>

The NoiStop Wood panel weighs approximately 30 kg/m<sup>2</sup>

The NoiStop Essential panel weighs approximately 23 kg/m<sup>2</sup> + 6 kg/m<sup>2</sup> for wooden cladding

#### 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 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.
- NoiStop Wood noise insulation: DLR: 21 dB(A) EU class B2
- NoiStop Wood noise absorption: DLα: 11 dB(A) EU class A3
- NoiStop Essential noise insulation: DLR: 18 dB(A) EU class B2
- NoiStop Essential noise absorption: DLα: 9 dB(A) EU class A3

#### 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