



FACTS

Noise is a major source of nuisance. NoiStop ends this unnecessary irritation. Available in 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

- Significant noise reduction and absorption
- Immediate peace, privacy and safety
- Zero maintenance
- Clear divider
- Can be supplied with full foliage

Outdoor

Railways

School

Motorway

Public open spaces

FEATURES

- Core filled with stone wool
- Easy installation
- Narrow structure
- Wide range of types and dimensions
- Can be supplied with full foliage, combined with Mobilane Green Screen
- The expected life cycle of the NoiStop acoustic barrier is at least 25 years.

TECHNICAL INFORMATION

MATERIAL

NoiStop Steel consists of a galvanized 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.

DIMENSIONS

Width 100 cm: 45, 90 and 100 cm height (Steel & Wood)
Width 200 cm: 45, 90 and 100 cm height (Steel & Wood)
Width 300 cm: 60 cm height (Steel only)

WEIGHT

The NoiStop 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 Steel noise insulation: DLR: 21 dB(A) EU class B2
- NoiStop Steel noise absorption: DL α : 9 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: DL α : 11 dB(A) EU class A3

INSTALLATION EQUIPMENT & ACCESSORIES

Blending cover plates and doors are available for the NoiStop Steel & Wood acoustic barrier.