



GREEN WALL NOISE BARRIERS



DAV NORDIC is a specialist in noise barriers. Our barriers are designed as individual solutions and are produced and supplied by recognised manufacturers in Europe. Green Wall is a natural noise barrier which, combined with green planting, blends naturally into its surroundings. All steel components are galvanised, ensuring a long service life.

Key features

- Short installation time
- Suitable for climbing plants
- Galvanised steel components – ensuring long durability
- Individual adaptation of cassettes to the project
- Competitive price

Green Wall is designed for installation between HE160A / HE160B / IPE160 steel posts. The posts can be supplied for casting into the ground or with base plates for bolting onto existing structures. DAV Green Wall can advantageously be installed with a steel or concrete base skirt to create a tight transition to the ground.

The absorptive cassettes are constructed with a layered build-up. At the core is an insulation layer that absorbs noise. On the outside is a galvanised steel mesh with 15 × 15 cm openings (reinforcement mesh). Between these layers are a woven fabric and a plastic mesh. The plastic mesh is available in three standard colours and can be supplied in custom colours for larger orders.

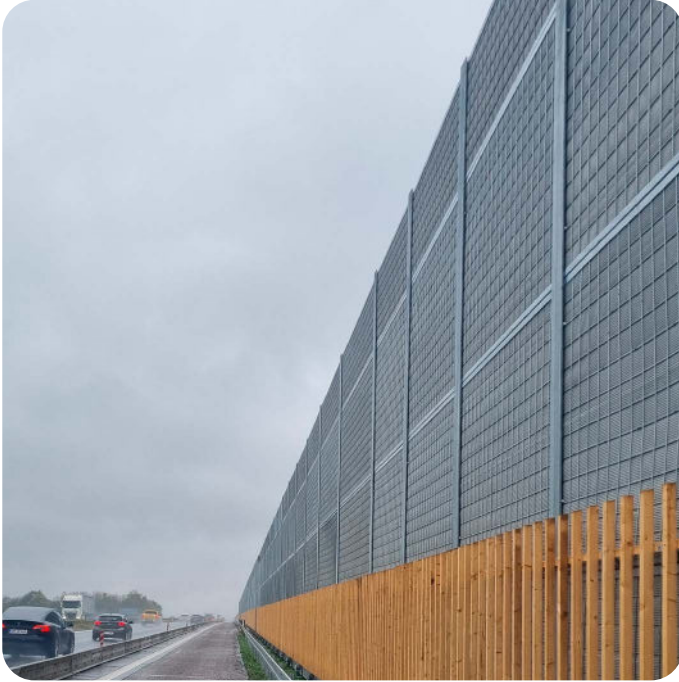


Image 1:

A standard Green Wall noise barrier with mounted wooden slats to prevent graffiti. The fabric in the cassettes is light grey.

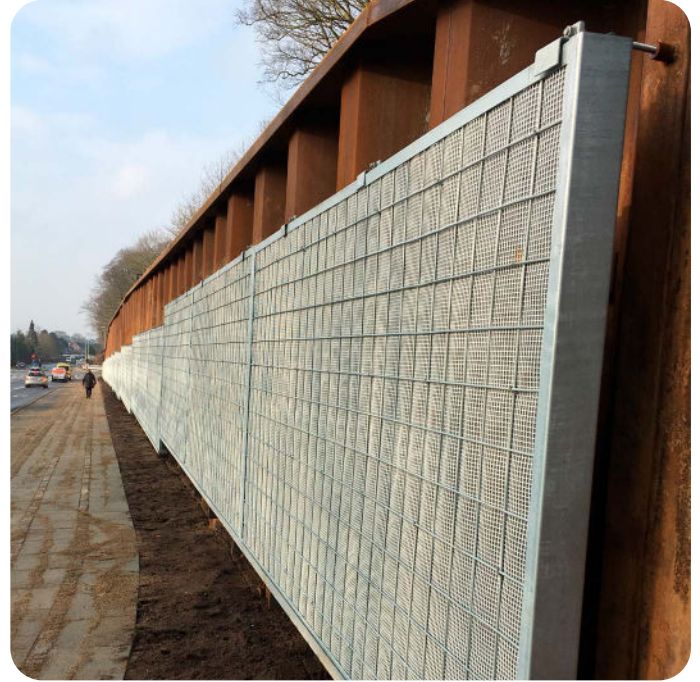


Image 2:

Green Wall cassettes mounted on a sheet pile wall. Here they prevent noise from reflecting off the steel surface and are mounted directly onto the steel.



Image 3:

Green Wall noise barrier with dark green cassettes mounted on a concrete base skirt. The barrier follows a sloping alignment to match the terrain and is located near Bræstrup.



Image 4:

Green Wall noise barrier at Vallensbæk with dark grey fabric in the cassettes. The barrier is installed without a base skirt, and the noise barrier cassettes appear to “float” between the posts.



Image 5:

Green Wall noise barrier with light grey cassettes in Aalborg. Climbing trellises are installed to help vegetation grow up the barrier.



Image 6:

A dark green Green Wall noise barrier in Lystrup. The barrier has been in place for several years, allowing the vegetation to grow over the barrier.

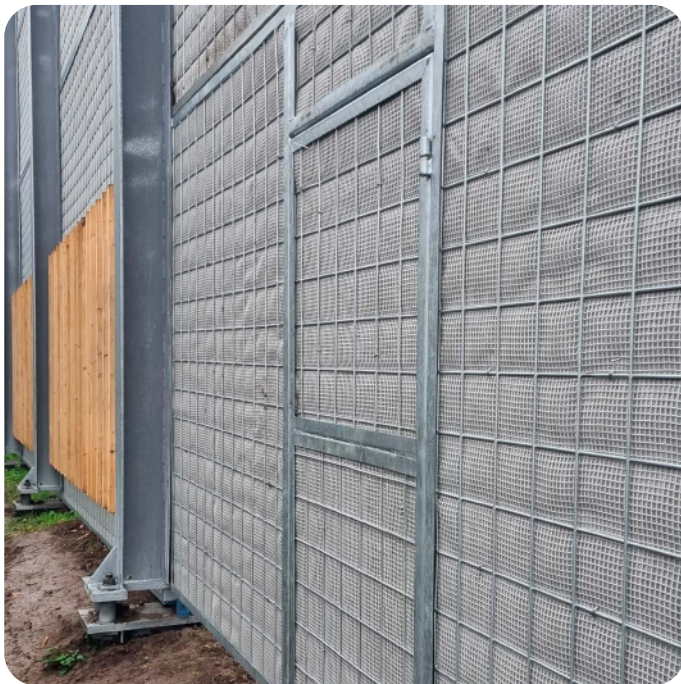


Image 7:

Door in a Green Wall noise barrier in Vorup near Randers. The door provides access to the rear side of the barrier and is made in the same light grey cassettes as the rest of the barrier.

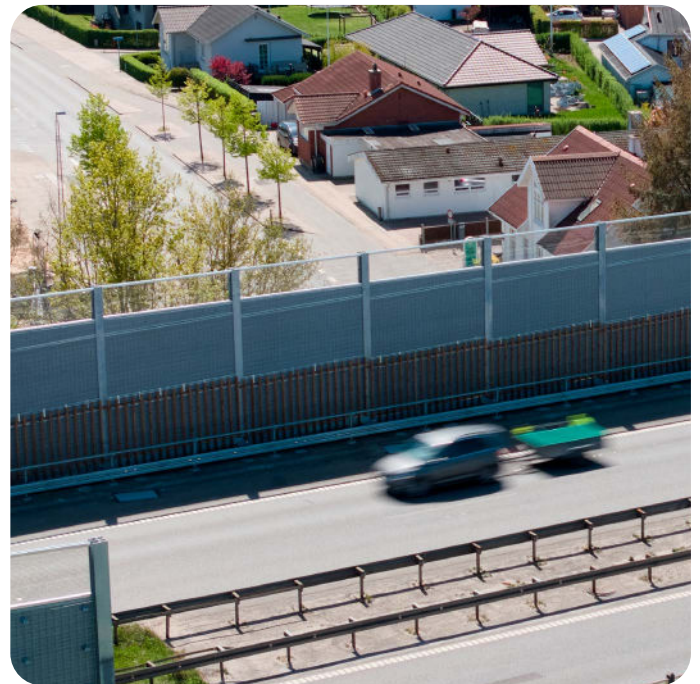


Image 8:

Green Wall noise barrier in Aalborg with wooden slats. The top consists of transparent panels to lighten the visual appearance of the barrier.

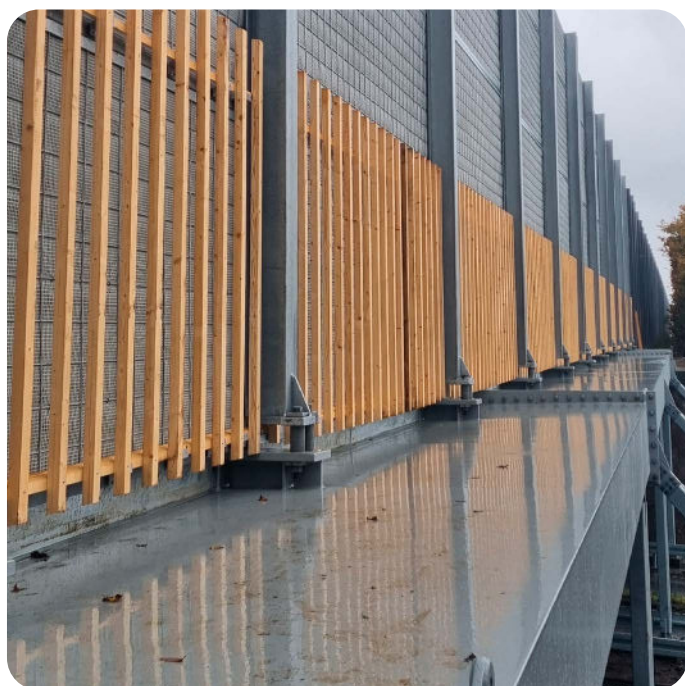


Image 9:

Light grey Green Wall noise barrier with wooden slats. The barrier is mounted on a steel portal over Hammelvej at Vorup in Randers.

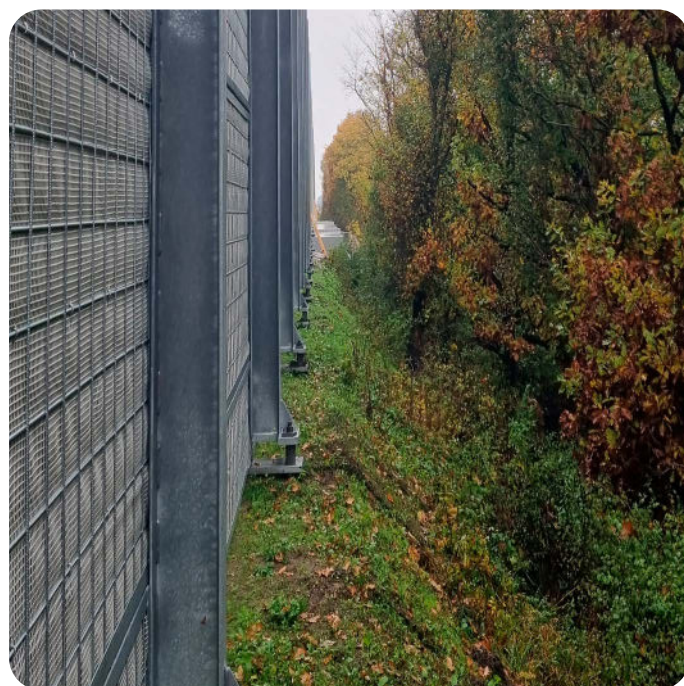


Image 10:

Green Wall noise barrier installed on a slope. The barrier is mounted without a base skirt and with base plate connections directly on the ground.



Image 11:

The dark green Green Wall noise barrier in Skødstrup has become so vegetated that it largely blends in with the surrounding hedge and planting.

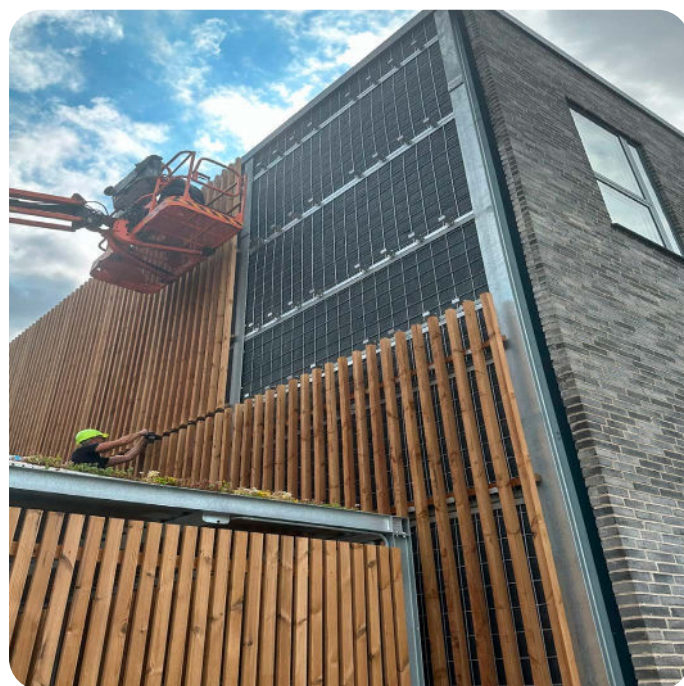
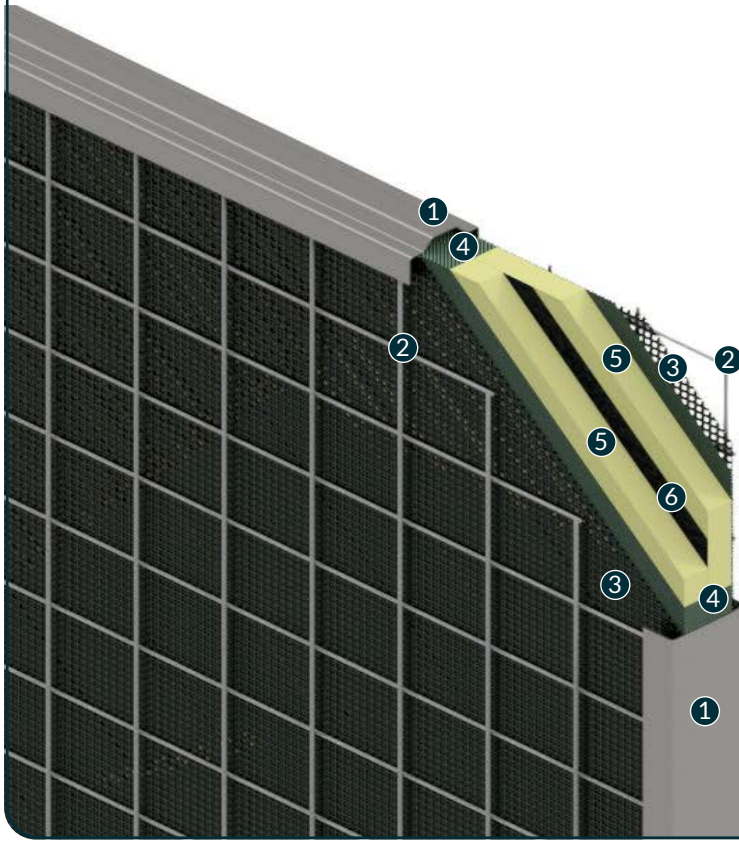


Image 12:

Green Wall noise barrier cassettes mounted on the gable of a building in an industrial area. The barrier minimises noise reflection from the industrial area into a residential area.

Structure of a Green Wall cassette



- ① Galvanised frame made of heavy-duty steel
- ② Galvanised steel mesh with 15 × 15 cm openings (reinforcement mesh)
- ③ Polyethylene (plastic) mesh. Supplied in dark green or various shades of grey
- ④ Polypropylene (plastic) fabric. Supplied as standard in dark grey, light grey or green. Other colours available for large orders
- ⑤ Mineral wool
- ⑥ Asphalt felt core

Extensive expertise at your disposal

At DAV NORDIC, we have many years of experience in developing, calculating and installing noise barriers. We have experience with both large and small projects and can act as a turnkey, main or specialist contractor.

We have delivered both 8 kilometres of noise barriers and curved noise barriers – barriers that reflect and absorb noise, and barriers that blend into their surroundings or stand out.

We have extensive experience in solving all types of tasks, from straightforward projects to those requiring more complex considerations. We can shield noise from multiple angles and focus on the smallest details.



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