



Eco Barrier

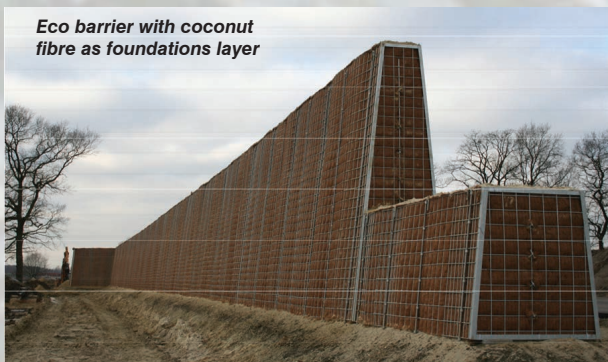
The sustainable noise barrier



Installation of the basic frame

Ecological noise barriers that offer effective protection against noise pollution or nuisance while also contributing positively to protecting the environment. These are barriers that blend harmoniously into the natural environment and become more attractive as the greenery grows with every year that passes. This plant growth also helps to reduce CO₂ in the atmosphere.

The extensive green wall from Gramm, called the Eco barrier, is the absolute 'top of the tree' when it comes to green noise barriers. A screen of living green is a structure that is able to save space and grow to full size without the need for any artificial edifice, thanks to natural precipitation.



Eco barrier with coconut fibre as foundations layer

The noise barrier is composed of just three components:

- 1) Framework trellis profiles
- 2) Outer mats
- 3) Vertical supports

These individual components are put together on site without any bolts and/or welding. This guarantees a "zero failure" system upon assembly.

The choice of covering options include:

- 1) Coconut fibre
- 2) Green fleece fibre

Advantages:

- No foundations required!
- No need to remove spoil from site as it can be used in the construction of the barrier
- Life span 50-75 years!
- Product has been tested to 67dB "Highly Absorbent" on both sides
- Low maintenance costs
- Graffiti resistant
- No requirement for any supplementary provisions in terms of irrigation installations
- Long life durability
- EU patented
- Highly absorbent
- Excellent insulator
- Adds to the quality of the environment with greenery and CO₂ reduction
- Responsible landscaping
- Green and completely recyclable
- No expense of providing foundations thanks to their natural stability
- Costs savings due to the reusing of existing barriers thereby reducing transport and removal costs as well as reducing CO₂ emissions
- Supplementary applications include for example solar panels, which are also possible options



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