

acoustic barrier

Greenscreen acoustic barriers are unique in the market offering a lightweight reliable noise prevention solution combined with an attractive and environmental friendly appearance.

It can be installed quickly, takes up noticeably less space than other barriers, is suitable for all terrains and more importantly is very competitively priced.

Each barrier is modular consisting of panels made up of two rows of poles manufactured from 100% recyclable materials and natural, durable coconut fibres. A sound-insulated sheet is fixed between two rows of poles and the entire frame is firmly installed within a steel U-profile fixture.

This lightweight modular construction has advantages over concrete structures, allowing it to be rapidly placed anywhere without the need for a special substructure.

The standard barriers give a sound insulation of 29dB, as well as a sound absorption of 7dB - but insulation of up to 35dB is possible. These standards are achieved through a combination of the central insulation sheets and the outer clothing of foliage which is highly effective at deadening sound as well as giving the system an entirely natural appearance that blends with the landscape. Already well established on the continent, Dutch Regional Governments now specify the product wherever an environmentally sensitive noise reduction solution is required.

Barriers are available to meet the requirements on highways, offices, sportgrounds and any type of domestic situation requiring noise insulation.

the ultimate
green
solution
both
visually and
environmentally



acoustic barrier

Key points

- A natural appearing screen made of durable coconut fibres. A 2mm galvanised steel frame ensures its stability.
- Designed to be clad in foliage, greenscreen acoustic barriers provide a natural support structure for all sorts of climbing plants. Various planting options are available.
- Graffiti resistant surface that is soon covered by plant growth.
- 29dB sound insulation and 7dB sound absorption as standard.
- Standard panel width of 246cm or 296cm.
- Maximum panel width of 6m (taking panel height and wind load into consideration).
- Customised height - maximum panel height is 220cm but through stacking a maximum total height of 6m is achievable.
- Customised features: transparent acrylic panels, wire panels and sloping or shaped panels designed to fit individual location requirements.
- Standard galvanised frames. Powder coating in a RAL colour is optional.



We can deliver complete greenscreen turnkey projects that include design, engineering, installation, and landscape consultation. Noise barrier quotations are supplied without obligation and CAD construction drawings can be enclosed free of charge.

Greenscreen acoustic barriers can also be delivered as a DIY kit (up to 2.5m in height). The DIY kit comes with a standard installation manual and technical drawings.

Full technical details are provided in a separate Technical Data package – please ring our specialists for your copy or download from our website www.thegreenscreen.co.uk

lightweight
reliable
noise
prevention
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