

KOKOWALL® HA-MinWol Noise Barrier

Effective, high absorbing and ideally suited for plants!



The Kokowall® HA-MinWol Noise Barrier is a noise barrier which is finished with natural and durable cocofibres on the outside (covered with climbing plants). On the noisieside the panel has a layer of mineral wool covered with a layer of PE separator mesh and a galvanized wire netting (without climbing plants).

This Kokowall® HA-MinWol is perfect suitable for industrial areas, parking sites, roads, around machinery, airco-units and other situations which only require climbing plants on one side of the screen.

Features & Benefits

- Sound insulation $R_w=30\text{dB}$ $D_{lr}=27\text{dB(a)}$ cat. B3 (EN1793-1)
- Sound absorption on mineral woolside: $D_{La}=11\text{dB(a)}$ cat. A3 (EN1793-1)
- Optional: available with a thicker layer of mineral wool for a higher absorption $>11\text{dB}$ cat. A4
- Perfect attachment for climbing plants
- Natural looking, ecological and effective!
- Climbing plants only required on the coco- (outher)side (the neighbours sight)
- In every desirable height till 8m, required foundation method depending on the height
- Lifetime expectation > 25 years.

Installation

The Noise-Reducer® Noise Barrier can be assembled quickly by contractors or gardeners. The Noise-Reducer® Noise Barrier is assembled modularly. Prefab panels are mounted between galvanized steel H-posts with self-tapping screws. The posts are founded in a dug or drilled hole with pre-mixed concrete.



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Types and properties

Description:	Kokowall® HA-MinWol Noise Barrier:
Specification	Double absorptive: Mineral wool and nettings on one side natural & durable coconut fibres on other side
Sound Absorption EN1793-1	11dB, Cat. A3
Sound Insulation EN1793-2	Rw=30dB, D _L =27dB, Cat. B3 (EN1793-1)
Panel-weight	23-32 kg/m ²
Max. panel width	396cm
Max. panel height	200cm
Panel thickness	90mm
Remark	Cost-/ Acoustic optimized design

Other specifications:

- Standard panel with: 396cm, 296cm and 249cm
Standard panel height: 200cm, 180cm, 150cm, 100cm, 80cm and 50cm
Panel frame: galvanised steel EN1461 (optional powder coated)
Standard Colour: PE-separator netting: darkgreen RAL6007 or antracite RAL7016
Uprights: Galvanised IPE or HEA posts, with pre-drilled mounting holes and panel-supports or posts with foodplate.
Foundation: In drilled or dug hole, filled with concrete
Optional:
- Combination with transparent panels
- Concrete gravel board under panels
- Noise-Reducer® door with cilinderlock
- Single or double aluminium entrance-gates (powder coated in RAL colour)

Technical documentation

Kokosystems can supply all needed documentation for a permission application: like drawings, test reports and calculations. By a quotation we'll send standard a map, photo's and a construction drawing. There's also a specification sheet available and an extensive technical brochure for the Kokowall® HA-MinWol Noise Barrier.

Eco Friendly Product

The poles are made of recycled non-PVC plastic. Coirfiber is a recyclable and sustainable product. Coirfiber is sourced from the coconut's outer layer. The quality of durable tropical coco fibres is similar to that of tropical hardwood.

Plant Coverage

The *Kokowall*® HA-Minwol Noise barrier will be overgrown on the coco-fibre side with plants quickly as the screen is ideally suited for climbing plants' aerial roots.

Maintenance

Coco fibres will fade slightly due to sun exposure. The screens' natural looking exterior however will last. Climbing plants may require some pruning over time.

MORE INFORMATION:

