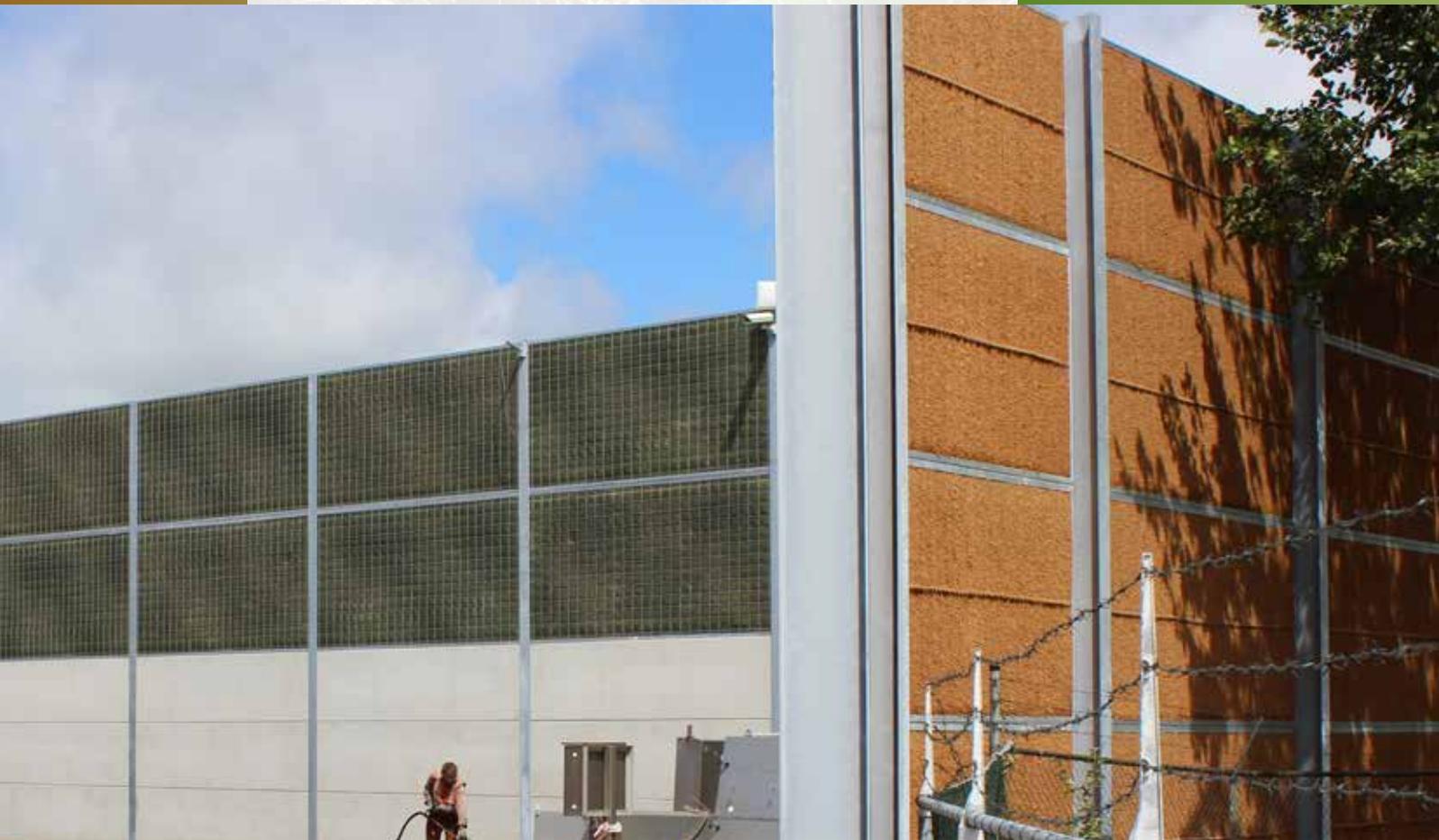


# KOKOWALL® HA-MinWol Noise Barrier

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 galvanised 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 <sub>L</sub> =27dB, Cat. B3 (EN1793-1)
Panel-weight	23-32 kg/m <sup>2</sup>
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:

KOKOSYSTEMS INTERNATIONAL B.V.  
Saturnus 9 - 2685 LX - Poeldijk - Netherlands  
T: +31 (0) 174 - 244 838  
F: +31 (0) 174 - 240 245  
[www.kokosystems.co.uk](http://www.kokosystems.co.uk)  
[info@kokosystems.com](mailto:info@kokosystems.com)

