

# KOKOWALL® Noise Barrier

Effective, natural looking, and ideally suited for plants!



*The Kokowall® Noise Barrier natural look befits any environment. The Kokowall® noise barrier outer side is finished with natural and durable coco fibres, which ensures a pleasing and ideal surface for climbing plants as well as impressive noise insulation properties. The Kokowall® noise barrier screen will be overgrown with plants within a few years.*

**Kokowall®** noise barrier panels consist of galvanized steel U-channels filled with a double row of coco fibre wrapped plastic poles. A noise insulating plate is locked between the two rows of plastic poles. Two coco fibre taped steel poles reinforce the coco fibre wrapped plastic poles.

The **Kokowall®** noise barrier has a high noise insulation value of (Rw) 30dB. Also, the **Kokowall®** has a relatively high sound absorption level of DLa= 7dB (a) or even as high as DLa= 11dB (a). The complete construction can be carried out by Kokosystems: design, delivery and assembly of the screens and planting of (climbing) plants.



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## Recommended Use

The *Kokowall*® noise barrier panel is assembled modularly, which ensures a quick and easy set-up. Prefab panels are secured within a steel construction of HEA columns against which climbing plants may be planted on either side.

## Optional Features

*Kokowall*® noise barrier panels with bevelled edges and panels with galvanized concrete mesh (inserted behind the coco poles) and pointed picket style screens. *Kokowall*® noise barrier screens can be fitted (horizontally and vertically) with transparent acrylic panelling.

## Technical Spec

Kokosystems can supply all required documentation – test reports, construction calculations - for building permits. Our price quote comes with a standard assembly guide and a construction manual with photos. A detailed technical spec of the *Kokowall*® noise barrier screen is available upon request.

## Size Range

*Kokowall*® noise barriers that measure 2.2 m in height or more will be stacked. *Kokowall*® noise barrier screens can be made to measure at a cost effective price. The screens' width can be adjusted during the assembly process.

Height: up to 6 m

Standard diameter: 9 cm

Standard panel weight: 25 kg/m<sup>2</sup>

Standard width: 4 m

## Eco Friendly Product

The poles are made of recycled non-PVC plastic. Coconut husk is a recyclable and sustainable product. Coco husk 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*® noise barrier will be overgrown 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.

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