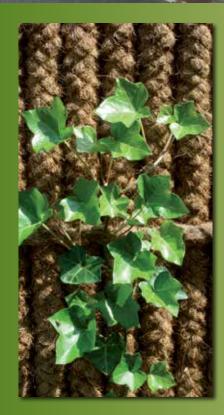
## **KOKOWALL®** Noise Barrier Effective, natural looking, and ideally suited for plants!

**OVATIVE BARRIER SYSTEM** 

The **Kokowall**<sup>®</sup> Noise Barrier natural look befits any environment. The **Kokowall**<sup>®</sup> 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**<sup>®</sup> noise barrier screen will be overgrown with plants within a few years.

*Kokowall*<sup>®</sup> 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**<sup>®</sup> noise barrier has a high noise insulation value of (Rw) 30dB. Also, the **Kokowall**<sup>®</sup> has a relatively high sound absorption level of DL $\alpha$ = 7dB (a) or even as high as DL $\alpha$ = 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*<sup>®</sup> 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*<sup>®</sup> noise barrier panels with bevelled edges and panels with galvanized concrete mesh (inserted behind the coco poles) and pointed picket style screens. *Kokowall*<sup>®</sup> 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*<sup>®</sup> noise barriors that measure 2.2 m in height or more will be stacked. *Kokowall*<sup>®</sup> 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/m2 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*<sup>®</sup> 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.

Kokosystems dealers:

Livingreen Design Drydan Road Bilston Glen Industrial Estate Loanhead EH20 9LZ Edinburgh +44 (0) 131 440 9804 dorian.hope@livingreendesign.com www.livingreendesign.com Tendercare Southlands Road Denham Uxbridge UB9 4HD Middlesex +44 (0) 1895 835544 sales@tendercare.co.uk www.tendercare.co.uk













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