



INFRASET

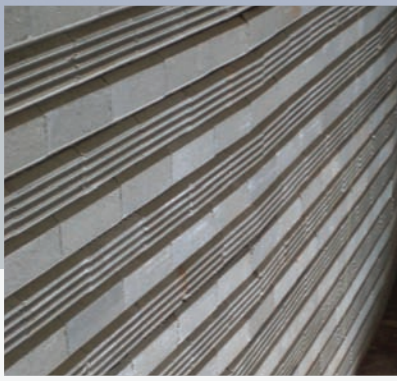
THE AVENG GROUP



| **RIDGEBLOK™** |



SABS
ISO 9001



RIDGEBLOK™

The photographs in this brochure do not necessarily reflect actual product colours.

RIDGEBLOK™ IS VERSATILE

- The **RIDGEBLOK™** is a dry stacked, concrete block system that can be aligned into tight, convex and concave curves.
- The spacing between **RIDGEBLOK™** can easily be varied to either increase the unit weight of the wall to increase the effectiveness as a gravity structure, or increase the plantable area between the blocks for a more environmentally friendly end-product.
- The open spaces can be increased to provide a more open and permeable facing to prevent excess build up of pore water pressures behind the retaining wall.

RIDGEBLOK™ IS STRUCTURALLY SOUND AND ROBUST

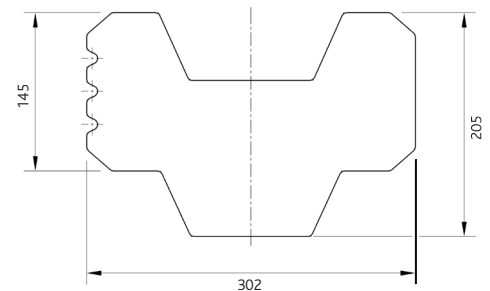
- The solid concrete blocks are robust, resulting in fewer breakages during transport and construction activities.
- The **RIDGEBLOK™** is a solid concrete block designed to dissipate stresses effectively once built into a retaining wall.
- The deep lip recess system (tongue and groove) provides a positive interlocking force to dissipate horizontal forces exerted on the interface between **RIDGEBLOK™**.
- The compressive strength of the solid concrete **RIDGEBLOK™** allows for construction of higher walls compared to hollow concrete retaining blocks.

RIDGEBLOK™ IS UNIQUE

- The **RIDGEBLOK™** facing is constructed at any angle between 70° and 90° to the horizontal without compromising any of its structural integrity. This character is seen as a major advantage over conventional, dry-stacked concrete blocks used in retaining wall structures.
- The architectural grooves on the one side of the **RIDGEBLOK™** enable the blocks to be packed in different visually pleasing patterns.

RIDGEBLOK™ IS INTEGRATED

- The deep lip recess system, tongue and groove system, provides a positive clamping force between the **RIDGEBLOK™** and the facing geosynthetic reinforced backfill. This aspect is seen as a major advantage over the conventional concrete retaining block which relies solely on a friction force to prevent "pull-out" of the geosynthetic from the concrete block.



Technical Data	RIDGEBLOK™
Length	270mm
Height of block	145mm
Width	302mm
Block per m ² :	
• Closed face wall	± 25
• Open face wall	± 16
Minimum radius, convex or concave	2m
Mass of block	24kg

A base block is available for the foundation of a 75° or 85° wall.

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 Quality Cast in Concrete

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