ROCLA

PRODUCT BROCHURE

Precast concrete for infrastructure



Our difference is concrete.

Explore the components that carry water beneath roads, support overhead networks and protect equipment on site.

SOUTH AFRICA / NAMIBIA / BOTSWANA

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ROAD INFRASTRUCTURE

Roads and crossings

Precast components carry runoff beneath transport routes, guide flow at outlets and separate traffic at road level.



Concrete pipes

Circular pipe sections convey stormwater beneath roads and through drainage networks.



Portal culverts

A rectangular opening carries water beneath a road or railway embankment.



Wingwalls

Flared sidewalls guide water into or out of a culvert and retain the adjoining embankment.



Road barriers

Precast barrier sections separate traffic flows or delineate work areas along a road.

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WATER & SANITATION

Wastewater and storage

Underground networks need access for maintenance. On-site sanitation and rainwater storage serve properties beyond the pipeline.



Manholes

Precast rings form access chambers for inspecting and maintaining underground pipelines.



Sanitation products

Precast components serve on-site sanitation schemes, including ventilated improved pit facilities.



Rainwater harvesting

Storage units collect rainwater for later use as part of a site’s water management system.



Sewer pipes

Concrete pipelines convey wastewater. The project specification determines the pipe and lining required.

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ENERGY & DIGITAL INFRASTRUCTURE

Power and fibre networks

Concrete poles carry cables overhead. At ground level, precast cabins house the equipment that connects renewable energy installations to the network.



Concrete poles

Spun concrete poles support electricity transmission and distribution lines. Rocla also offers poles for overhead fibre-optic routes.



Equipment cabins

A precast concrete shell encloses electrical equipment at photovoltaic farms and other installations.

Selecting a pole

For a power line or fibre route, identify the spans, changes in direction and crossings so the project engineer can specify the pole at each position.

Power pole product details

Fibre pole product details

Product illustrations are indicative. See Rocla's technical brochures for specifications.

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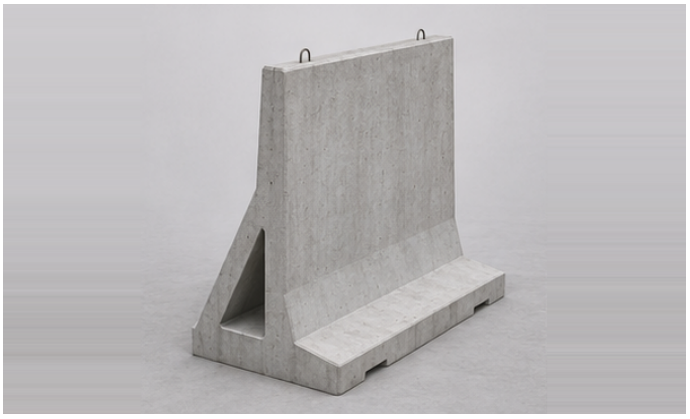
SPECIAL PRODUCTS

Industrial and farm sites

Precast units create storage bays, separate contaminants from water and provide livestock with a dedicated drinking point.



Alfabloc walling

Freestanding retaining wall units divide bulk storage areas into bays.



Oil separators

Baffled separator units help remove oil and grease from contaminated water.



Livestock troughs

Precast concrete troughs provide watering points for livestock on farms.

Bespoke components

For non-standard components, share the drawings, quantities and site location with Rocla's team. On-site manufacture can be considered where transport is a constraint.

Browse technical brochures

Contact Rocla: info@rocla.co.za