



# Steel-Reinforced Concrete Drainage Pipe



## STORMWATER

# Rocla® steel-reinforced concrete pipe



Rocla® steel-reinforced concrete pipe (SRCP) puts the customer first by providing the quality and level of service expected by pipeline designers and asset owners.

An ongoing commitment to quality translates into reliable, economical solutions for pipeline infrastructure. That's why Rocla has been relied on for generation after generation.

## Low-risk option

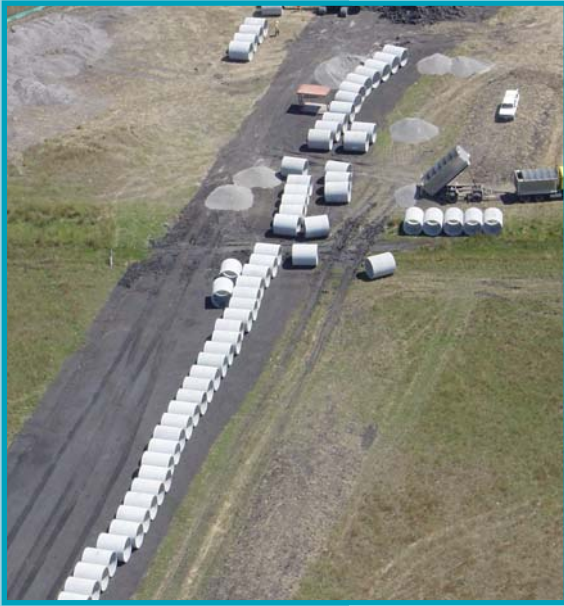
Because pipelines form some of society's most valuable hidden infrastructure, it is important to make the right choice for future generations to inherit. Rocla® steel-reinforced concrete pipe is the low-risk choice.

Low-risk reasons to use Rocla® SRCP:

- Long history of reliability
- Gains strength over time
- Does not lose stiffness
- Self-heals
- No limit to the time the pipe can be exposed to weather before installation
- Sound performance above or below water table
- Does not fail through buckling or delaminating
- Easy to join and install
- Known material, known performance
- Not flammable
- Robust



Rocla® SRCP pipe is a low-risk option for specifiers. Designing a concrete pipe installation correctly is relatively simple using the industry standard *PipeClass* design software.



# Quality product with the right credentials

## Standards compliance

Rocla® steel-reinforced concrete pipe is designed and manufactured with reference to AS4058 "Precast concrete pipes (pressure and non-pressure)". Installation design is guided by AS3725 "Buried concrete pipes".

## Tailor-made designs

Rocla can provide purpose-designed steel-reinforced concrete pipe for special environments such as salt water exposure, tight alignment curves or short lengths.



## Quality

Rocla's Quality Management System is certified to ISO9001-2000.

## Efficient customer service

Rocla is committed to providing high standards of service. Factories and distribution centres are strategically located around Australia. Advice on the use of steel-reinforced concrete pipes and associated products is readily available.

## Safe for the environment

Raw materials for Rocla® steel-reinforced concrete pipe are environmentally acceptable.



## CPAA founding member

As a founding member of the Concrete Pipe Association of Australasia, Rocla assists in the development of Australian standards that assure industry of achieving its goals for drainage infrastructure over the long term.

Rocla also assists the CPAA to develop technical literature on concrete pipe. To view this literature, visit [www.concpipe.asn.au](http://www.concpipe.asn.au).



Concrete Pipe Association  
of Australasia

# Complete engineering solutions

Rocla can manufacture special pipes and fittings for all drainage applications, including splay pipes, junctions, bends, large radius curves, large headwalls and other special designs. In addition, Rocla offers an integrated range of engineered pipeline products and a high level of technical expertise to support your design choice. Associated products include:

- Precast access pits
- Grated inlets
- Headwalls
- Box culverts
- Floodgates
- Stormwater detention and reuse systems

For complete details of the Rocla® product range, refer to the Rocla Product Guide for your region.

## Simple installation

The installed bedding is an integral part of a designed pipeline together with the pipe. With rigid pipe such as Rocla® SRCP, the reliance on backfill placement and continuing stability is less important. The strength is purchased with the pipe.

Rocla® steel-reinforced concrete pipe maintains its shape and has no ongoing detrimental effect on the soil envelope or overlying assets such as road pavements.

## Economical life-cycle costing

Specifying concrete pipe manufactured to the concrete pipe standard AS4058 and installed to AS3725 assures a design life of 100 years. Rocla's technical resources and commitment to quality management assures we deliver on industry benchmarks.



# Durability to address future concerns



Not many products improve with age. Rocla® pipe actually becomes stronger. The revolutionary Rocla® roller suspension process, coupled with our expertise in concrete technology, ensures customers are provided with tough, durable, high quality concrete pipes.

Rocla® concrete pipe has a product life of 100 years or more, one of the best service lives of any pipe product.

Some of the important characteristics of Rocla® steel-reinforced concrete pipe that contribute to its durability are:

- Impermeability
- Autogenous healing
- Consistent long-term load carrying capacity unaffected by creep
- Inherent strength of the Rocla® concrete pipes



## A pipe for every drainage application

Rocla® concrete pipe is manufactured to suit a wide range of applications, including:

- Stormwater drainage
- Culverts
- Wastewater
- Irrigation
- Jacking and micro-tunnelling
- Pressure pipelines

All pipes are available in a choice of load classes. Classes 2, 3 and 4 will cover most drainage pipe installations. Classes 5 to 12 are also available for higher load applications.



# Steel-Reinforced Concrete Drainage Pipe

For further information on Rocla® Steel-Reinforced  
Concrete Drainage Pipe or other products  
from Rocla

Call Rocla on  
**131 004**

E-mail your inquiry  
**solutions@rocla.com.au**

Or visit our website  
**www.pipe.rocla.com.au**

- Sydney
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