



Building | Columns

Manufactured
concrete columns
for fast, efficient
construction

Free standing structure in minutes

Connections built-in

Lighter than solid columns

High strength

Range of diameters

Connect to steel or concrete beams

Lengths up to 24 metres

Fire resistance up to 4 hours

Quality-controlled manufacture

Rocla 



Rocla® Building Columns

The benefits add up to savings
in construction time and costs

Fast Installation

Freestanding structural columns in minutes. No more waiting for scaffolding, formwork, concrete pumping, curing, stripping and surface patching.

Quick Connection

A range of built-in proprietary fittings makes connection to other building elements quick and easy.

Long Lengths - Faster High-Rise

Single piece columns can be supplied in lengths to 24 metres. Proprietary base fittings allow free-standing, multi-storey columns to be quickly erected. Intermediate floors and other building elements can be installed later.

Wide Range

Standard diameters are 260, 300, 350, 400, 450 & 585mm with a range of wall thicknesses, strengths and fire ratings. Tapered columns (15mm per metre) and larger diameters can also be supplied.

High Strength - Smaller Size

The high strength concrete of Rocla® Building Columns (65 MPa minimum) allows selection of smaller, more economical sizes with gains in valuable floor space.

Versatile

Columns are suitable for single level or multi-storey projects. They can be used as stand-alone structural or decorative columns, as permanent formwork, either self-supporting or traditionally fixed over starter bars.

Smooth Finish - Quality Manufacture

The manufacturing process creates a smooth off-form steel concrete finish ready for a range of decorative finishes. Fittings, accessories and block-outs are accurately positioned in the factory to speed up construction on site.

Service

Call Rocla Building Products on 1800 257 311 for sales and technical inquiries. Ask for a copy of the Rocla® Building Columns Technical Manual, with column product information, design tables, connection details and installation guidelines.

email buildingproducts@rocla.com.au





Faster construction times with **Rocla® Building Columns**



Lift/Connect

Columns can be bolted directly to the foundation using unique 'barrel connectors' built into the base of the column. Starter bars can also be used to secure the column, or a combination of barrel connectors and starter bars.



Construct

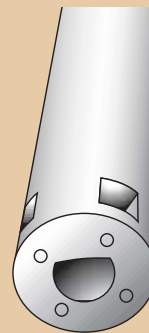
In most cases, construction of beams, floors, etc., can continue as soon as the columns are secured.



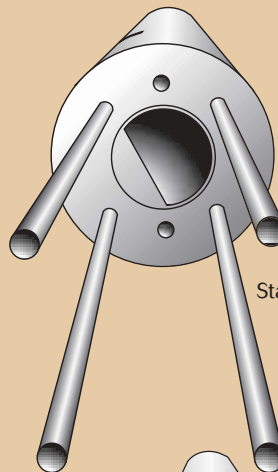
Manufactured columns with cast-in fittings speed construction

Rocla® Building Columns can be manufactured to length with a range of cast-in components and fittings, including:

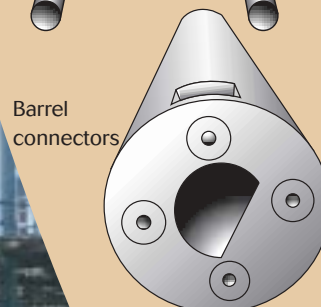
- Block-outs for beams, floors, access, etc.
- Starter bars &/or barrel connectors at base
- Ferrules &/or starter bars at top
- Hole formers or ferrules in sides



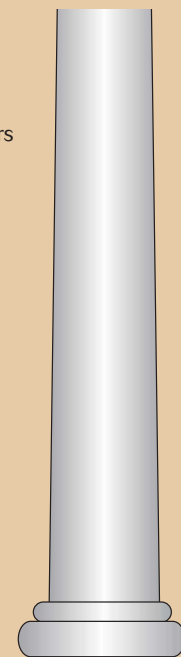
Tip ferrules



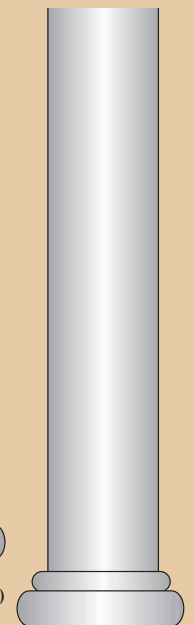
Starter bars



Barrel connectors



Tapered
(15mm per metre)



Straight wall



Technical support

For selection, design and specification contact Rocla for a copy of the *Rocla® Building Columns Design Manual*.

The manual contains details of column properties and installation procedures, including moment/axial force interaction graphs for column strength design.

Rocla® Building Columns are fully supported technically.

For information on **Rocla® Building Columns**

Call Rocla
1800 257 311

Email your inquiry to
buildingproducts@rocla.com.au

Visit our web site
www.buildingproducts.rocla.com.au

For information on other Rocla® products visit the web site www.rocla.com.au



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