RendeX®

LIGHTWEIGHT FENCING

CATALOGUE AND PRODUCT SPECIFICATION

PWS
Prestige Wall Systems

VERSION **02.2017**

prestigewallsystems.com.au
rendex.com.au
Version 02.2017

RendeX® LIGHTWEIGHT MODULAR FENCING

The RendeX® Lightweight Modular Fencing system is a product with masonry looks, great design flexibility and lightweight construction.

Flexibility in design permits fences up to 2.4m high (STCC), the incorporation of fence piers and allowance for decorative panels.

RendeX® Lightweight Modular Fencing System components are made from polystyrene, coated with polymer modified render and reinforced with alkaline resistant fibreglass mesh.

The RendeX® Lightweight Modular Fencing system is easy to install and consists of RendeX® Fencing Panels, Pier, Caps and Capping. Standard Panels are 2.4m x 1.2m (150+ mm thick) with rebate, to suit a 75x75mm steel post. For engineering data and 'Certificate of Compliance' contact PWS.

- **Easy to install**
- **Durable and Strong**
- **Impervious to rotting**
- **Aesthetically pleasing**
- **Great design flexibility**
- **Lightweight**

+ For more information call **PWS** on **1300 663 118**

www.rendex.com.au

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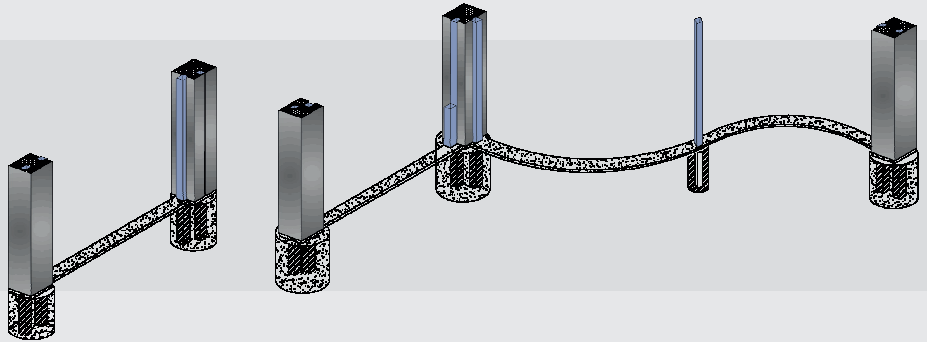rendex.com.au
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INSTALLATION PROCESS

STEP 1

Installation of galvanised steel posts as per plan - concreted into the ground, followed by concrete plinth - 2.4m centres for standard RendeX® Fencing Panel.
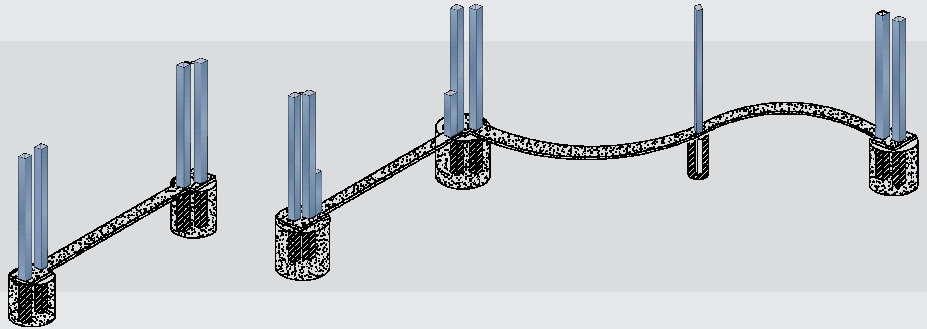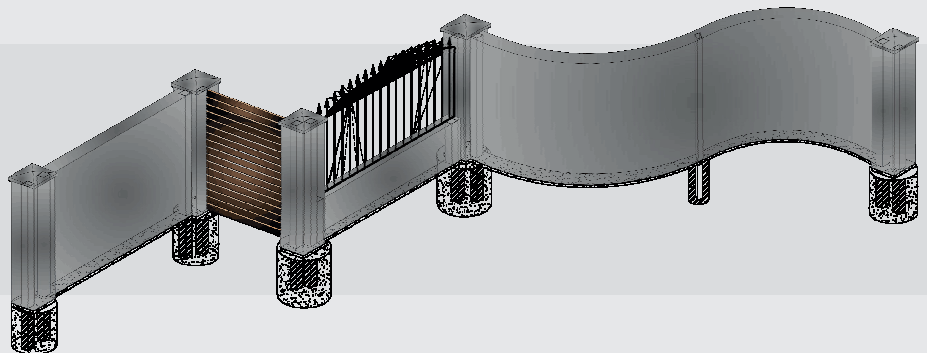
STEP 2

Installation of Fence Piers- insert prefabricated columns over the preinstalled steel posts
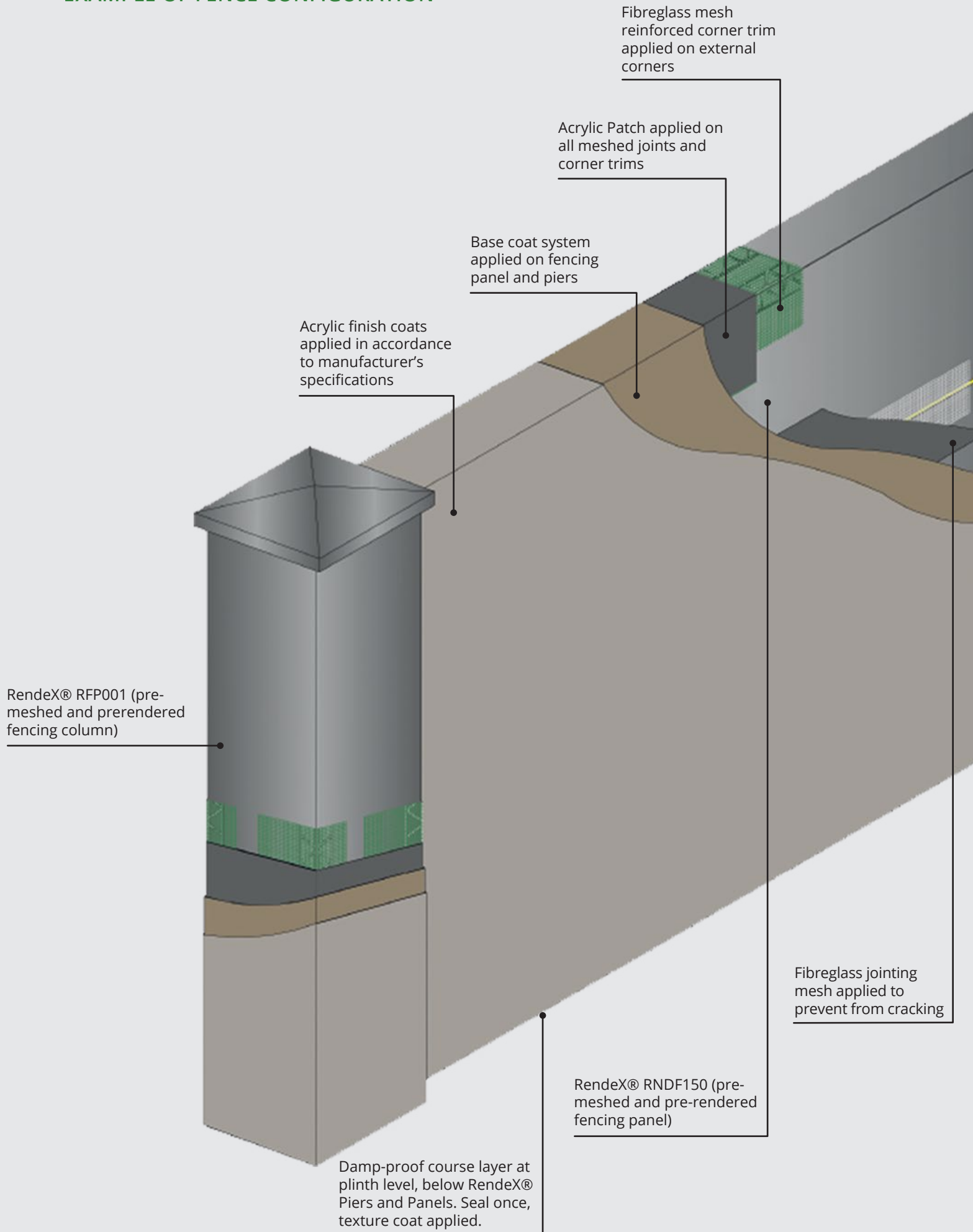
STEP 3

Insert fence panels and apply expanding foam into the cavity between the rebate and steel posts as well as all joints
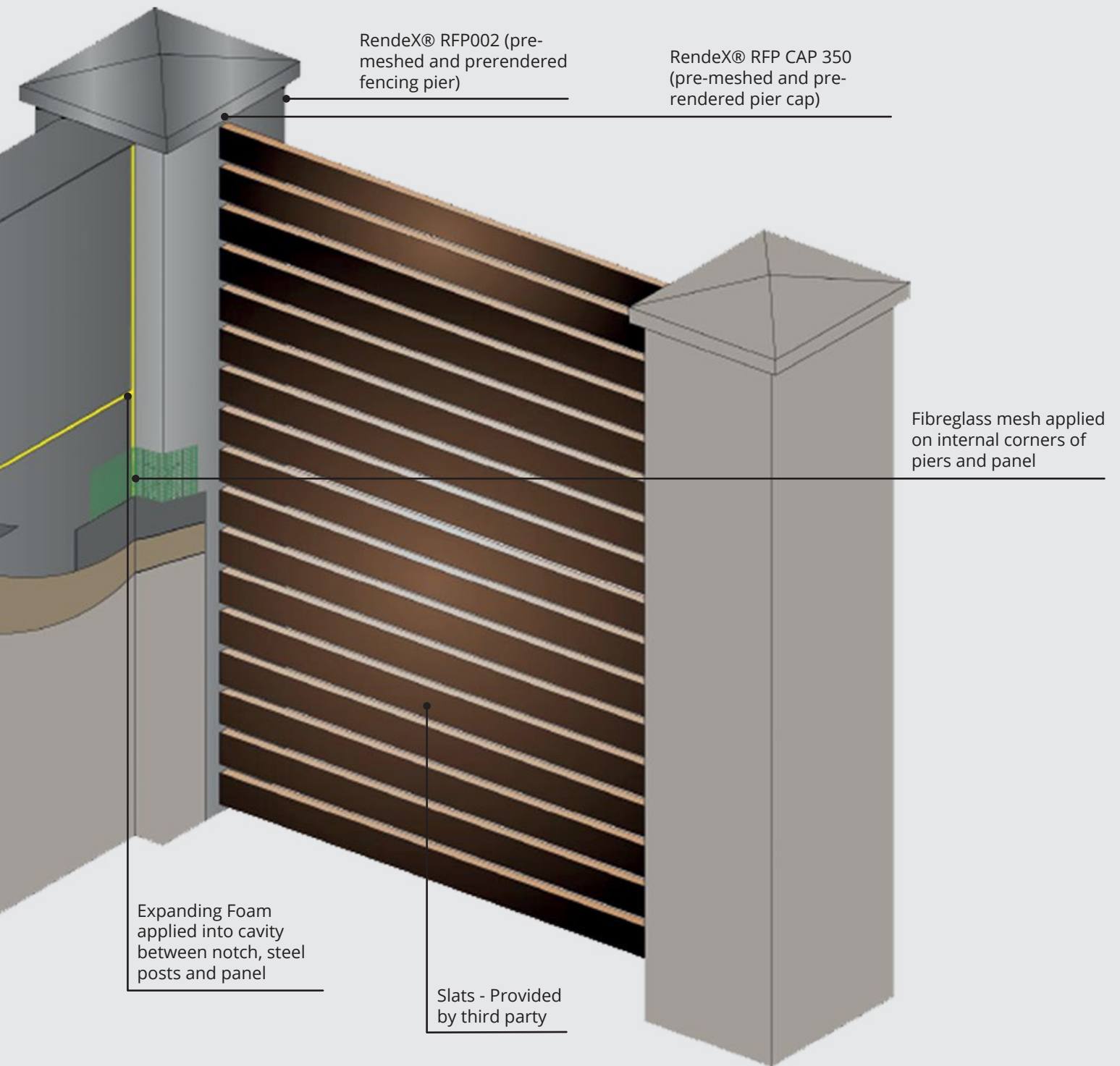
STEP 4

Make allowance for expansion joints, apply meshed corner beads to all external corners, tape all joints and internal corners, patch render, texture, install caps and cappings. Then paint to finish. Seal between bottom of finished fence and concrete footings and plinths.
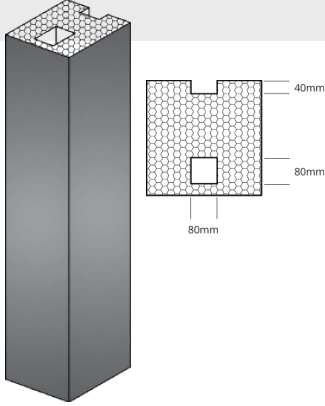
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RendeX
LIGHTWEIGHT FENCING

EXAMPLE OF FENCE CONFIGURATION

Fibreglass mesh
reinforced corner trim
applied on external
corners

Acrylic Patch applied on
all meshed joints and
corner trims

Base coat system
applied on fencing
panel and piers

Acrylic finish coats
applied in accordance
to manufacturer's
specifications

RendeX® RFP001 (pre-
meshed and prerendered
fencing column)

Fibreglass jointing
mesh applied to
prevent from cracking

RendeX® RNDF150 (pre-
meshed and pre-rendered
fencing panel)

Damp-proof course layer at
plinth level, below RendeX®
Piers and Panels. Seal once,
texture coat applied.

RendeX ®
LIGHTWEIGHT FENCING

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RendeX® RFP002 (pre-meshed and prerendered fencing pier)

RendeX® RFP CAP 350 (pre-meshed and pre-rendered pier cap)

Fibreglass mesh applied on internal corners of piers and panel

Expanding Foam applied into cavity between notch, steel posts and panel

Slats - Provided by third party

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Fence Piers

RFP001
Base **300mm**
Height **1800mm up to 2400mm**

40mm
80mm
80mm

RFP002
Base **300mm**
Height **1800mm up to 2400mm**

20/80mm
80mm
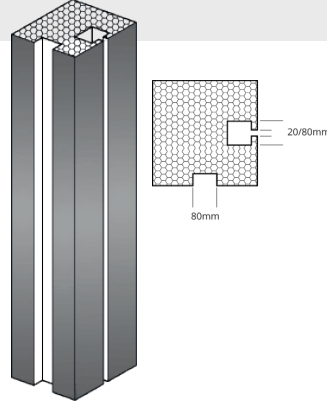
RFP003
Base **300mm**
Height **1800mm up to 2400mm**

80mm
20/80mm
80mm
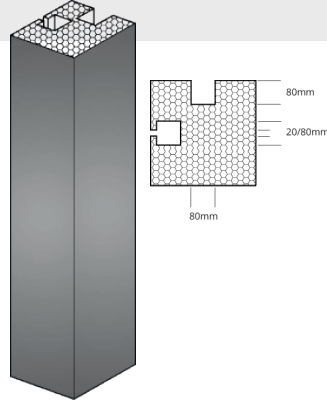
RFP004
Base **300mm**
Height **1800mm up to 2400mm**

80mm
80mm   40mm
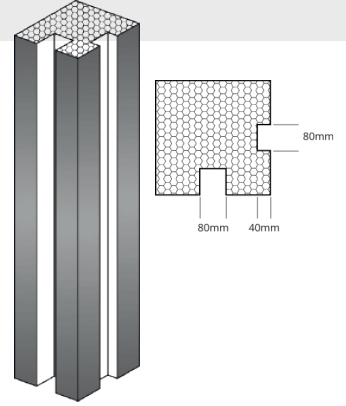
RFP005
Base **300mm**
Height **1800mm up to 2400mm**

80mm
80mm   80mm
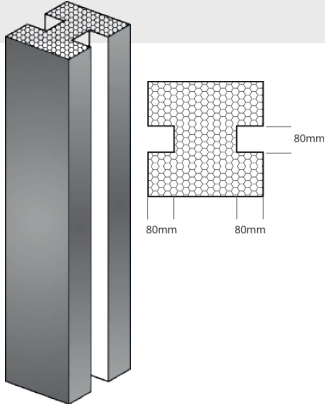
RFP006
Base **300mm**
Height **1800mm up to 2400mm**

20/80mm
80mm   80mm
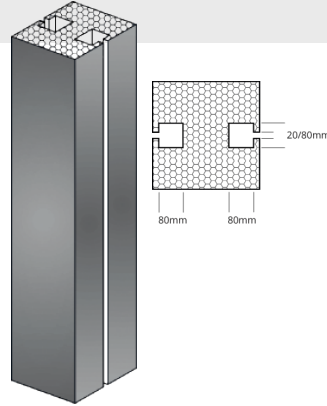
RFP007
Base **300mm**
Height **1800mm up to 2400mm**

80mm
80mm   80mm
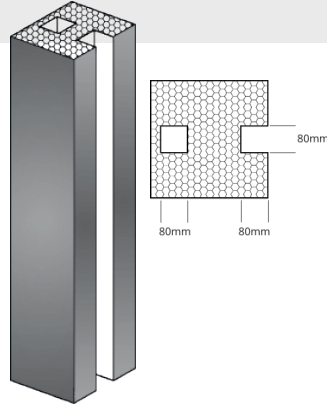
RFP008
Base **300mm**
Height **1800mm up to 2400mm**
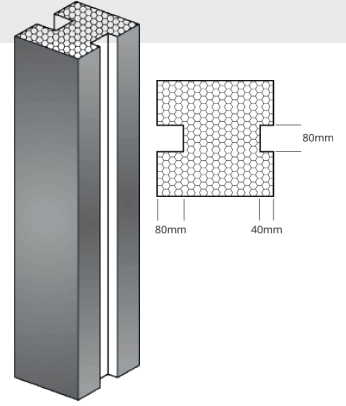
80mm
80mm   40mm

RFP009
Base **300mm**
Height **1800mm up to 2400mm**
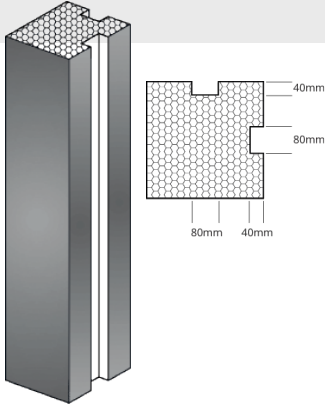
40mm
80mm
80mm   40mm

RFP010
Base **300mm**
Height **1800mm up to 2400mm**
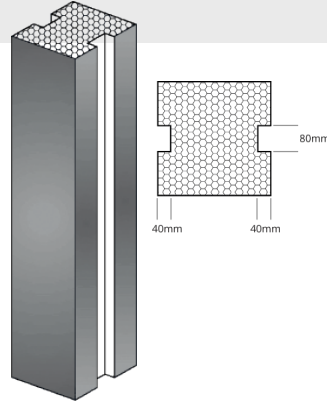
80mm
40mm   40mm

Alternative cross-section piers are available on inquiry.

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Fence Panel
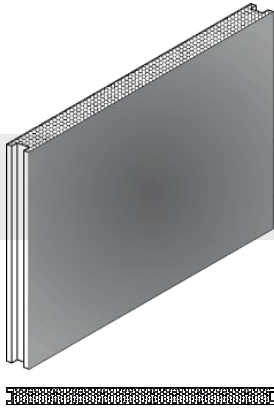
RNDF150

Thickness	150mm
Height	1200mm
Length	2400mm
Rebate	*width* 80mm
	depth 40mm
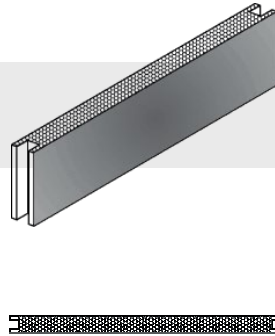
RNDF_CUSTOM

Thickness	150-300mm
Height	1200-2400mm
Length	2400-3000mm
Rebate	*width* 80mm
	depth 40-80mm

RNDF_CUSTOM_CUR/COR

|	
Thickness	150-300mm
Height	1200-2400mm
Length	2400-3000mm
Rebate	width 80mm
	depth 40-80mm
Radius/Corner	Any

Pier Caps
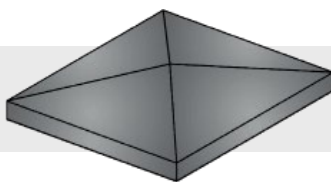
RFP CAP 350

Base **350mm**
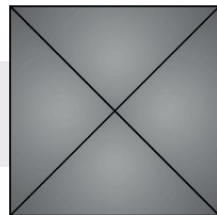
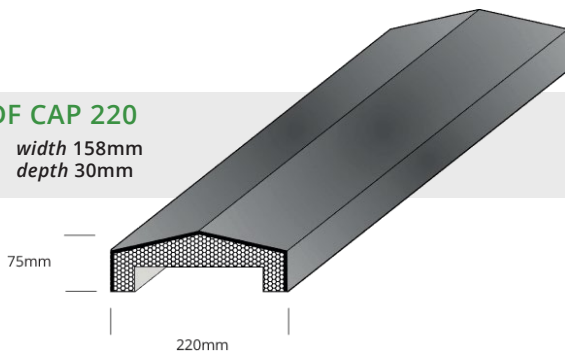Combination and additional design options with MouldeX® Lightweight Architectural Mouldings.

MouldeX® Mouldings are available from PWS. Profiles and Information on website *www.rendex.com.au*

1. **Cap** (RFP CAP 350)
2. **Moulding** (PWC 086)
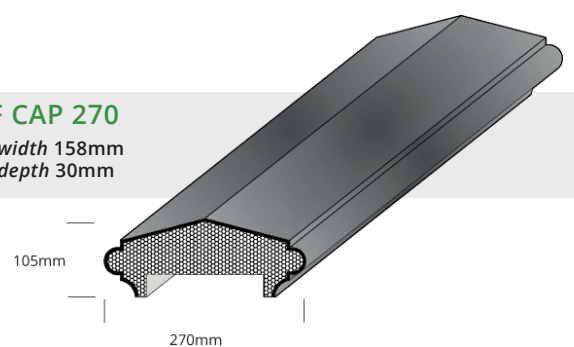3. **Capping** (RNDF CAP 270)
4. **Column** (RFP001)
5. **Fence Panel** (RNDF150)
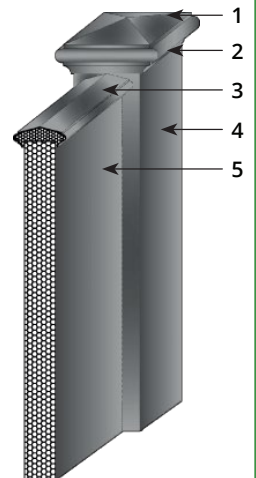
Fence Panel Cappings

RNDF CAP 220

Rebate **width** 158mm
depth 30mm

75mm

220mm

RNDF CAP 270

Rebate **width** 158mm
depth 30mm

105mm

270mm

www.**rendex**.com.au

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