

The Apex Masonry Architectural Range®

Smooth & Split Face Coloured Masonry

The Apex Masonry Architectural Range® of coloured architectural masonry blocks has been carefully manufactured to produce a unique look similar to natural stone. This effect adds a prestigious appearance to both classic and contemporary project designs.

The choice of subtle and bold shades allow this range to suit a variety of different styles. Our meticulously blended colours are inspired by our beautiful coast line. Fraser Sand, a blend of white sand and sandstone yellow; and Fraser Coral, a coral and white sand blend.



The Apex Masonry Architectural Range® Smooth Face Ivory

SMOOTH FACE - STANDARD COLOURS









Charcoal

Fraser Coral

Ivory

Fraser Sand

d F

Pebble

SMOOTH FACE - MADE TO ORDER



Polar White

Features

- Flexible colour range and short lead times
- Contemporary finishes great for feature walls and architectural projects
- Natural polished stone look at affordable prices
- Suitable for load bearing and non load bearing walls



"We have always been very happy with the quality product from Apex Masonry and the staff are always professional and efficient."

- Brad, GYMPIE



SPLIT FACE - STANDARD COLOURS



Charcoal







Fraser Coral Ivory

Fraser Sand

Pebble

SPLIT FACE - MADE TO ORDER



Polar White

Features

- Add texture and appeal to any project
- Great for feature walls and architectural projects
- Flexible colour range and short lead times
- Natural stone look at affordable prices
- Suitable for load bearing and non load bearing walls

Smooth Face

| 200MM SERIE | ES | |
|--|---------|--|
| CODE | PRODUCT | DESCRIPTION L x W x H |
| 20.01 | | Standard 390 x 190 x 190 |
| 20.02 | | Three Quarter 290 x 190 x 190 |
| 20.03 | | Half 190 x 190 x 190 |
| 20.20 | | Bond Beam 390 x 190 x 190 |
| 20.38 | | Half Height Sill |
| 20.42 | | Channel 390 x 190 x 190 |
| 20.71 | | Half Height Standard 390 x 190 x 90 |
| 50.31 | | Capping Tile 395 x 195 x 40 |
| 100MM SERIES (Made to order - longer lead times may apply) | | |
| CODE | PRODUCT | DESCRIPTION L x W x H |
| 10.01 | | Standard 390 x 90 x 190 |

*All sizes are in mm





Split Face

| 200MM SERIE | ES | |
|--|---------|--|
| CODE | PRODUCT | DESCRIPTION L x W x H |
| 20.121 | | Standard 390 x 190 x 190 |
| 20.122 | | Three Quarter 290 x 190 x 190 |
| 20.123 | | Half 190 x 190 x 190 |
| 20.133 | | Bond Beam 390 x 190 x 190 |
| 20.142 | | Channel 390 x 190 x 190 |
| 20.127 | | Half Height Standard 390 x 90 x 190 |
| 20.139 | | Corner Return 390 x 190 x 190 |
| 60-TSCAP | | Capping Tile 400 x 255 x 65 |
| 100MM SERIES (Made to order - longer lead times may apply) | | |
| CODE | PRODUCT | DESCRIPTION L x W x H |
| 10.121 | | Standard 390 x 90 x 190 |







The Apex Masonry Architectural Range®

Honed Coloured Masonry

The Apex Masonry Architectural Honed range demonstrates the subtle beauty of masonry by exposing its natural aggregate surface. The honing process grinds 2-3mm from the block surface exposing the natural aggregate producing a matt finish. The Apex Masonry Architectural Honed product can be used for feature walls, banding or to create dramatic internal walling effects. It can be coordinated with other colours and finishes from within The Apex Masonry Architectural Range®.

Features

- > Flexible colour range and short lead times
- Great for feature walls and architectural projects
- > Excellent strength, noise reduction and insulation capabilities
- Versatile and efficent building method



STANDARD COLOURS









Charcoal

Fraser Coral

lvory

Fraser Sand

Pebble

MADE TO ORDER - LONGER LEAD TIMES MAY APPLY



Polar White

The Apex Masonry Architectural Range®

Polished Coloured Masonry

The Apex Masonry Architectural Polished range demonstrates the subtle beauty of masonry by exposing its natural aggregate surface. This process exposes the natural aggregate enhancing the sparkle and elegance of this product. The Apex Masonry Architectural Polished product can be used for feature walls, banding or to create dramatic internal walling effects. It can be coordinated with other colours and finishes from within the The Apex Masonry Architectural Range®.

Features

- > Flexible colour range and short lead times
- Great for feature walls and architectural projects
- > Excellent strength, noise reduction and insulation capabilities
- Versatile and efficent building method



STANDARD COLOURS









Charcoal Fra

Fraser Coral

Fraser Sand

Pebble

MADE TO ORDER - LONGER LEAD TIMES MAY APPLY



Polar White

Bolstered Split Face Coloured Masonry

This collection offers an attractive and unique finish, creating an authentic natural sandstone appearance. Bolstered Split Face Coloured Masonry is hand bolstered around the edges giving a random stone finish. Sand blend colours are used to produce a cost effective product which can be used in both stunning contemporary and traditional projects. Close attention to detail makes Bolstered Split Face Coloured Masonry the finest quality choice for any style of architecture. Use this product on its own or with our Apex Masonry Architectural Smooth Collection to create an old-town quoining, building style.





COLOURS







Ivory

Fraser Sand

Fraser Coral

Features

- Flexible colour range and short lead times
- > Each block is hand-bolstered giving a unique appearance
- > Smooth block available to match if quoining on corners or around openings is desired (see The Apex Masonry Smooth Selection).

Our QualityProducts



Apex Masonry understands that quality is paramount to achieving a successful project. All Apex Masonry's Coloured Masonry boasts pre-sealing technology from Tech-Dry® Building Protection Systems. Tech-Dry® admixtures are incorporated during the manufacture of the blocks. This admixture significantly enhances waterproofing, minimises efflorescence, reduces mould and assists in maintaining the appearance of your blocks for years to come.

TOTAL PROTECTION OF YOUR FINISHED PROJECT

- 1 TECHDRY admixture is incorporated during the manufacture of all Apex Masonry Coloured Masonry.
- 2 TECHDRY MORTAR ADDITIVE is a water resistant admixture for cement/sand mortars specifically formulated for laying water repellent concrete blocks or Tech-Dry Masonry. It not only makes the mortar water resistant, but also improves the adhesion of the mortar to the water repellent blocks and improves the workability of the mortar mixture.
- **3 SEALER** We recommend all Apex Masonry's Coloured Masonry products be sealed with a water based general purpose clear sealer. The products we recommend is Shalex Industries www.shalex.com.au.

Please call the sales team at Apex Masonry to discuss your requirements further.

INSTALLATION GUIDE

- 1 Masonry walls are to be constructed in accordance with AS 3700.1998.
- 2 Blocks should be kept dry on site before use.
- 3 It is essential that all mortar joints be filled to the depth of the face shell. When the mortar has stiffened and is firm to touch, it should be ironed with an ironing tool 12mm in diameter and minimum of 450mm in length, leaving no voids.
- 4 After completion of block laying each day, walls should be covered to prevent moisture entering the cores of the blocks.
- 5 As the wall progresses, it is essential that the blockwork is kept clean from mortar smears. This will eliminate the need for cleaning of the wall upon completion.

Note: Acid must NOT be used for cleaning concrete masonry walls.

- 6 Corefilled walls must be thoroughly cleaned down immediately following filling to ensure lime leaching from the corefill through unprotected capillary pores does not stain the surface of the blockwork.
- 7 Care must be taken to protect completed masonry walls from excess corefill spillage and should be covered to protect from after trades.
- Contemporary finishes great for feature walls and architectural projects.
- Modular Building System with fractions suited to many projects.
- Add texture and appeal to any project.
- A natural stone look at affordable prices.
- Suitable for load bearing and non-load bearing walls.

Technical Guide

STANDARDS

All Apex Masonry's Architectural products are manufactured to Australian Standards AS 4455 Masonry Units and Segmental Pavers and tested for compliance with AS 4456 Masonry Units and Segmental Pavers - Methods of Test. Mortar should be accurately batched and conform to AS3700.

CONTROL JOINTS

Control Joints should extend for the full height of the wall and be spaced at a maximum distance of 6 metres apart where walls are not interrupted by full height doorways or window openings (refer Australian Standards).

JOINT REINFORCEMENT

Masonry mesh is recommended at height intervals of 600mm, and in the two courses above and below all openings. Lap mesh at least 150mm at all joints and intersections, except at control joints where a slip joint must be provided. For 90mm walling use 50mm reinforcement mesh and for 190mm walling use 150mm reinforcement mesh.

GENERAL GUIDELINES

All Apex Masonry's Architectural products should be laid dry, therefore covering on site is recommended. Whenever work is stopped, the tops of walls should be covered to protect from moisture during construction. All mortar joints should be allowed to set to 'thumb print' hardness before tooling. Brush away excess mortar with a semi-stiff brush at the end of each day's work.

CLEANING

Care should be taken to keep stone as clean as possible during laying. Apex Masonry recommends the guidelines within CMAA document MA41 Cleaning and Maintenance of Concrete Masonry Structures.

FIRE RESISTANCE

Australian Standard AS 3700 Masonry Structures sets out the method for determining fire resistance to walls. The Building Code of Australia requires walls to be designed for insulation, integrity and structural adequacy. Apex Masonry has a large range of masonry products meeting the requirements of the building code. Refer to the Apex Masonry Fire and Sound brochure.

SOUND TRANSMISSION

The statutory requirements for sound attenuation are contained in the Building Code of Australia (BCA), which requires that some walls of some buildings be capable of preventing a large proportion of incident sound from passing from one wall side to the other. These requirements are set out in Section F5 of the BCA. Refer to Apex Masonry Fire and Sound brochure for more information.

ORDERING

Apex Masonry Architectural products are manufactured from natural materials and will vary in colour and texture from batch to batch. All products must be ordered at the one time to ensure that they are supplied from the same batch. Product should be blended from different pallets to ensure an even mix of colour throughout any given wall.

CLAIMS

All product must be inspected prior to installation to ensure satisfaction of colour and texture. No claims will be accepted once product has been installed.

We have technical support material available for first time users of these products. Please feel free to contact us to receive this information.

Specification Guide

Apex Masonry coloured blocks are manufactured in accordance with the provisions of Australian Standard AS/ NZS 4455.1997 for masonry units.

Apex Masonry is certified to AS / NZS ISO 9001.2000

COLOURS & TEXTURES

Colour swatches in this brochure and sample tiles are provided only as an indication of the colours and texture available. Some variations in colour may occur due to natural changes within the raw material source and environment.

MORTAR

In specifying Apex Masonry's Coloured Blocks, the following mortar specification must be included to complete the system. Mortar for Apex Masonry's coloured blocks must be batched using a specially developed, water repellent additive. This will inhibit efflorescence leaching from the joints of the block work. The following Mortar mix is equivalent to a M4 mortar classification, suitable for exposure grade applications:

- 1 Mix 300ml of efflorescence inhibitor mortar additive to 2 parts general purpose cement and 6 parts sand.
- 2 Cement: Sand ratio must be 1:3 using a 50/50 blend of washed pit sand and brickies loam, mixed to the required consistency.

Note: All mixes should be gauged with a level bucket to limit mix ratio issues.

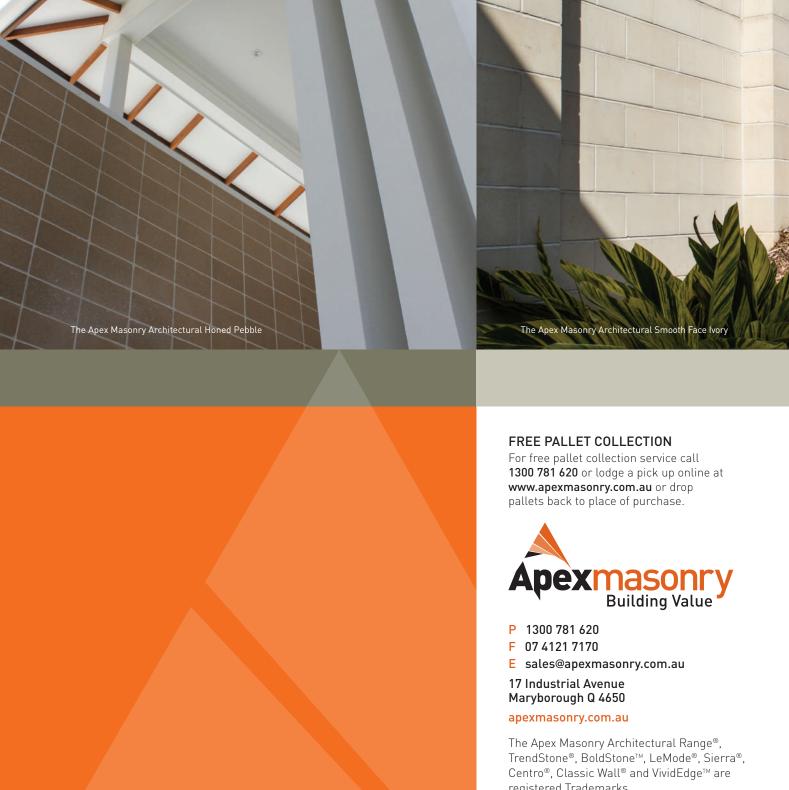
- 3 Lime must NOT be added to the mix.
- 4 Plasticisers must NOT be added to the mix.
- 5 Approximate quantities laid with 20 Litres of Efflorescence Inhibitor mortar additive are:
 - 1800 90mm Series Blocks
 - 1700 140mm Series Blocks
 - 1700 190mm Series Blocks
 - 1500 290mm Series Blocks

OUR CUSTOMER SERVICE PROMISE

- 1 Respond to all customer enquiries within 30 minutes during business hours.
- 2 Replace any damaged or broken products.*
- 3 Always available to answer your calls, even outside business hours - 24 hours / 7 days.*
- 4 Free delivery on all products.*
- 5 48 hours or better delivery turnaround to the following regions: Hervey Bay, Maryborough, Bundaberg, Gladstone, Gympie, Sunshine Coast, Brisbane & Gold Coast.*

*Conditions Apply





registered Trademarks.

COLOUR VARIATION

Colour samples are provided as an indication of the colours and textures available. Some variations in colour may occur due to natural changes within the raw material sources. When ordering your product, order all products of your project together to reduce the possibility of colour variation. We do not guarantee different batches will be the same colour.

EFFLORESCENCE

Efflorescence (a salty deposit) is a natural occurrence in masonry products. Efflorescence does not affect the structural integrity of the product and will usually diminish and disappear in the course of time as the product is exposed to the elements. No responsibility will be accepted for the occurrence of efflorescence.

CLAIMS

Claims must be reported within 72 hours of delivery. No claims will be accepted once product has been installed. Please contact the store where goods were purchased to report any concerns regarding product delivery or quality.

Minimum order quantities apply to Made to Order colours.