

# The **AMU** Range

**ARCHITECTURAL MASONRY UNITS**

## Sizes Available

AMU Products Series	6" Full Block	6" Bond Beam	6" Half Block	8" Full Block	8" Bond Beam	8" Half Block
<b>COLOURED SERIES</b>	✓	✓	✓	✓	✓	✓
<b>SPLITBLOX</b>	✓	✓	✓	✓	✓	✓
<b>SPLITBLOX - DOUBLE</b>	✓		✓	✓		✓
<b>FLUTED</b>	✓	✓	✓	✓	✓	✓
<b>FLUTED - DOUBLE</b>	✓		✓	✓		✓
<b>CORDUROY</b>	✓	✓	✓	✓	✓	✓
<b>CORDUROY - DOUBLE</b>	✓	✓	✓	✓	✓	✓

## Accessories

(available to special order)

<b>SPLITBLOX CORNER UNIT</b>		✓				✓
<b>SPLITBLOX - ROCKFACE</b>			✓			
<b>SPLITBLOX - DOUBLE</b>	✓			✓		
<b>FLUTED CORNER UNIT</b>				✓		
<b>FLUTED VENEER UNIT</b>						

Work Size : 390L x 70W x 190H (mm)

## Dimensions

	<b>Coordinating Size</b> L x W x H (mm)	<b>Work Size</b> L x W x H (mm)
<b>6" Full Block / Bond Beam</b>	400 x 150 x 200	390 x 140 x 190
<b>6" Half Block</b>	200 x 150 x 200	190 x 140 x 190
<b>8" Full Block / Bond Beam</b>	400 x 200 x 200	390 x 190 x 190
<b>8" Half Block</b>	200 x 200 x 200	190 x 190 x 190

Manufacturing reference standards : BS 6073 and MS 27

Additional information, products and services available on request

- a. Specification for Concrete Masonry
- b. Design & Construction Details
- c. Design Guidelines
- d. Technical Detail & Information Sheets
- e. Installation Guidelines
- f. SIRIM / BOMBA Certifications



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**AMU**  
ARCHITECTURAL MASONRY UNITS

**DURABLE, ATTRACTIVE, NATURAL**



# The **AMU** Profile

**ARCHITECTURAL MASONRY UNITS**

## STANDARD COLOURS



## NATURAL GRAY



## TERRACOTA



## SANDSTONE



## CHOCOLATE



## GRAPHITE

## SPLITBLOX - series



*Splitblox* Architectural CMUs have striking natural stone-like textures.

The *Splitblox* look is reminiscent of rock-faced masonry in Richardson Romanesque homes of the 1800's, and provides for a built-in decorative finish as the masonry wall is constructed.

The *Splitblox* fractured surface is created by mechanically splitting cast and cured CMUs. *Splitblox* are manufactured by our dedicated high-speed masonry splitter, regulating the consistency of product dimensions and texture via hydraulic and PLC controls. Aggregates in the concrete mix are also fractured and exposed in this process.

The *Splitblox* texture can be used for property fencing walls, feature panels or bands, frame surrounds for doors and windows, columns, skirtings and a variety of other applications to enhance the look of a building or structure. The rough textures can also be used in areas prone to graffiti, as the texture tends to discourage graffiti vandals.

*Splitblox* are manufactured in standard colours. Other colours and blends can be available to special order.

## FLUTED - series



*Fluted* masonry can enhance exterior and interior walls with its distinctive vertical precast lines, emphasising major structural elements and gives a building added distinction.

The unique smooth and circular ribs of *Fluted* Blocks extend from the wall surface, that can be aligned to form continuous vertical elements in the finished wall. These fluted projections also create a differential shadowing effect in comparison with a planar untextured wall surface.

*Fluted* masonry is popularly used for property fencing, building facades and interior accents.

*Fluted* Blocks are produced by casting concrete in special profiling moulds, and manufactured to stringent international quality standards.

*Fluted* Block is supplied in our standard colours, and other colours can be made to special order.

## CORDUROY - series



*Corduroy* masonry units achieve an overall texture by a striated surface, with small shallow vertical grooves, by using specially profiled casting moulds.

The *corduroy* striations achieve a naturally "roughened" look, while maintaining a uniform and directional pattern. The subtle texture provides for a departure from the monotonous planar wall surface while avoiding an obvious or readily apparent hard and prominent surface finish.

The shallow recessed grooves of the *Corduroy* masonry wall can effect style and interest to any structure, complementing with additional visual drama with light changes throughout the day.

The *Corduroy*-series masonry also contributes to some acoustic relief, inherent to the nature of the striated fascia.

*Corduroy*-series masonry is supplied in our standard colours. Other colours can be made available to special order.

## COLOURED - series



*Coloured* Concrete Masonry Units are often used to enhance appearance or to achieve a particular effect, for landscaping elements, as well as building and structural elements.

*Coloured* CMUs are manufactured by integrally adding metal oxide pigments in the primary concrete mixture, resulting in homogeneous "through-coloured" products. Final unit colourations may vary slightly, resulting in a rich palette of subtle tones of the base colour.

*Coloured* CMUs can provide an interesting and complementing counterpoint to masonry wall textures, colours and reliefs, especially when used in combination with other Architectural CMUs of various sizes and textures.

*Coloured* concrete masonry is supplied in our standard colours. Other colours can be made available to special order.

## PRODUCT GALLERY



Bdr Laguna Merbok



Puchong Hartamas



Shah Alam



Tmn Sg Kapar Indah



CIDB Kuala Lumpur



Bukit Jelutong



Makmal CIDB, KL



Temasek, Jalan Maktab



Ara Damansara

## ARCHITECTURAL Concrete Masonry Units

One of the most significant architectural benefits of designing with concrete masonry is its versatility - the finished appearance of a concrete masonry wall can be varied with the unit size and shape, colour of units and mortar, bond pattern, and surface finish of the units.

The term "Architectural Concrete Masonry Units" (AMUs) is typically used to describe concrete masonry displaying any one of several surface finishes that affects the texture of the unit, allowing the structural wall and finished surface to be installed in a single step.

AMUs are used for interior and exterior walls, partitions, terrace walls, and other enclosures, on top of being widely used for landscaping elements. Some units are available with the same treatment or pattern on both faces, to serve as both exterior and interior finish wall material, increasing both the economic and aesthetic advantages.

**integrated brickworks'** AMUs comply to the same rigorous manufacturing quality standards as all our structural concrete masonry, accredited by SIRIM to BS 6073 and MS 27.