

Monarch Art Stone products are manufactured to BS 1217:2008

### Mean Compressive Strength

25 n/mm<sup>2</sup> at 28 days

### Mean Density

Approx. - 2225 kg/m<sup>2</sup>

### Water Absorption:

(Cat)

### Dimensional Tolerances

- Up to 600mm +/- 2mm
- 601 - 1000mm +/- 3mm
- 1001 - 2500mm +/- 4mm
- 2501 -4000mm +/- 5mm

### Reinforcement – Generally Mild Steel

- Please Note: All units contain a minimum of 1 steel reinforcing bar. These are included to comply with Health and Safety Regulations. All materials are non-load bearing.

### Weathering

- Cast stone may be subject to slight shade variations in much the same way as natural stone.
- Cement Efflorescence's. All cement-based products can suffer from efflorescence, a condition that can make the surface appear lighter in colour.

### Site Handling

- All stone is supplied on non-returnable pallets, shrink wrapped and with all relevant information on a contents list.
- The shrink wrap should be cut open carefully and not torn as this could damage edges and corners.
- Pallets / Units should be stored on level ground.
- Never stack pallets on top of each other.

### Laying / Mortars

- Cast stone should be **carefully** placed in position to avoid damage.
- Units should be kept covered to prevent damage and mortar staining.
- We recommend bedding **heads** on a full bed of mortar.
- Sill's should be bedded under **stooped ends only** at time of installation.
- Pointed fully as scaffold removed

MONARCH  
ART STONE

Cills  
Lintels  
Surrounds  
Arches  
Quoins  
Pier Caps  
Coping Stones  
Caps & Spheres  
Porticos  
Balustrades

