

Balustrading

QUALITY ARCHITECTURAL CAST STONE



MEXBORO

THE CAST MASTERS



Balustrading has been used for centuries and can be seen today on many of our fine traditional heritage buildings. The increasing awareness of classical design and aesthetic architecture has led to a resurgence of demand for a product that can be used to great effect in almost any decorative setting.

The Mexboro range of elegant, hand crafted balustrades has been based on traditional design and is used regularly for restoration, refurbishment and new build.

The four styles - *Fleur de Lys*, *Sandringham*, *Heritage* and *Windsor* are manufactured by skilled craftsmen in a variety of natural crushed aggregates giving an authentic final look to the components, with the subtle shade variations of quarried and finished stone. The Company's own crushing plant can produce a stone dust which when incorporated into the mix produces a finish that is virtually indistinguishable from that of quarried stone and at a fraction of the cost.

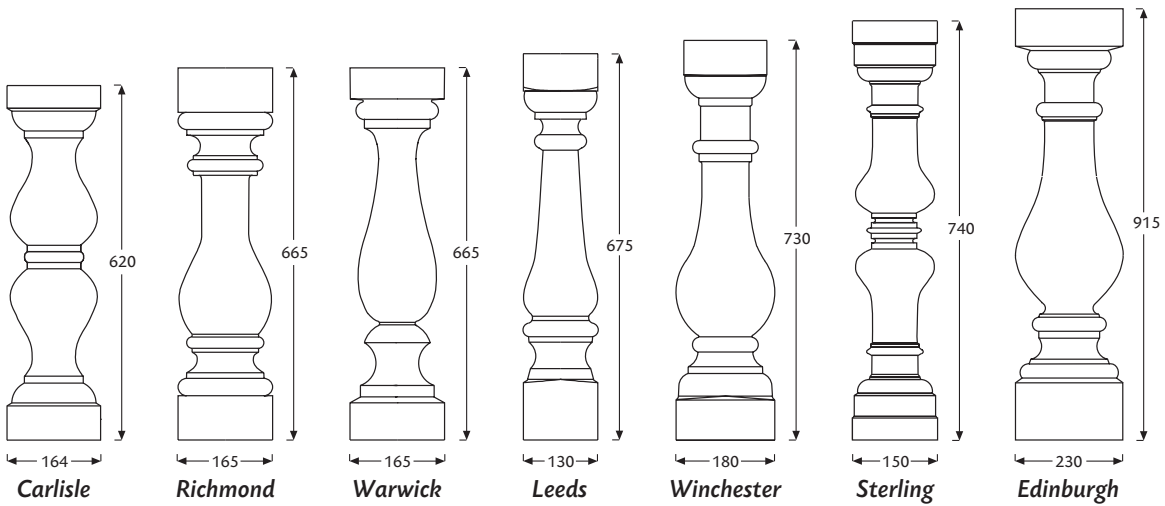
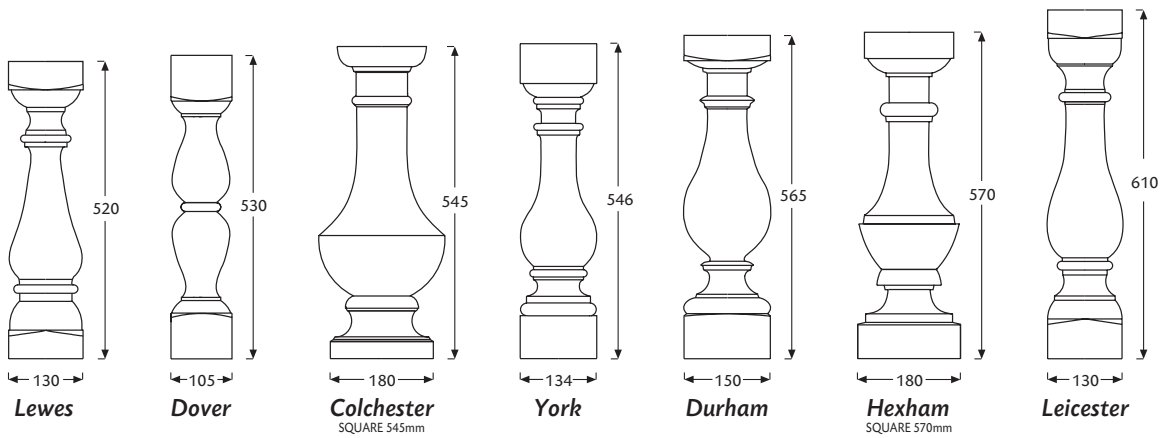
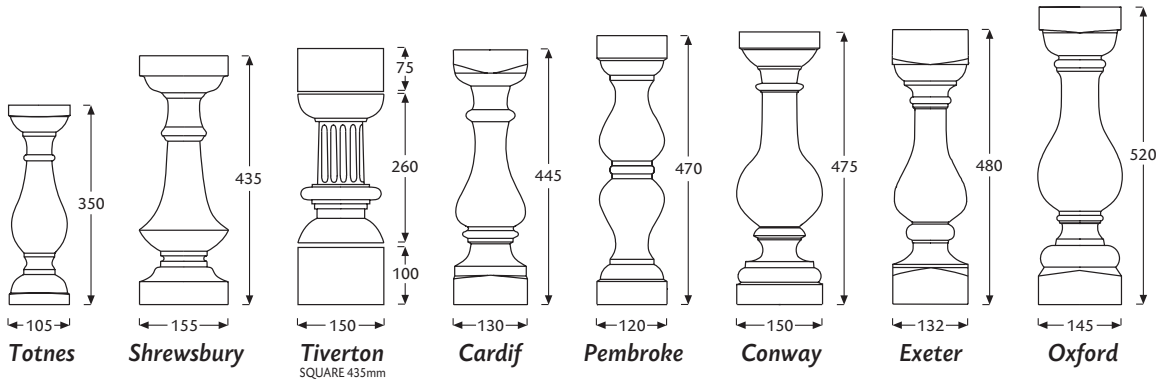
Mexboro's standard colour range includes *Bath*, *Portland*, *Weathered Cotswold*, *Yorkstone*, *Red Sandstone* and *Hamstone*. A limitless number of colour variations and textures can also be achieved to ensure a product that will harmonise easily with other building fabrics and their surroundings.

Other textures and finishes available include wet cast, acid etch, exposed aggregate, grit blast, bush hammer and polishing to simulate marble.

Mexboro prides itself in undertaking the custom made designs of the specifier and the most detailed and intricate designs can be achieved in our pattern and mould making departments.

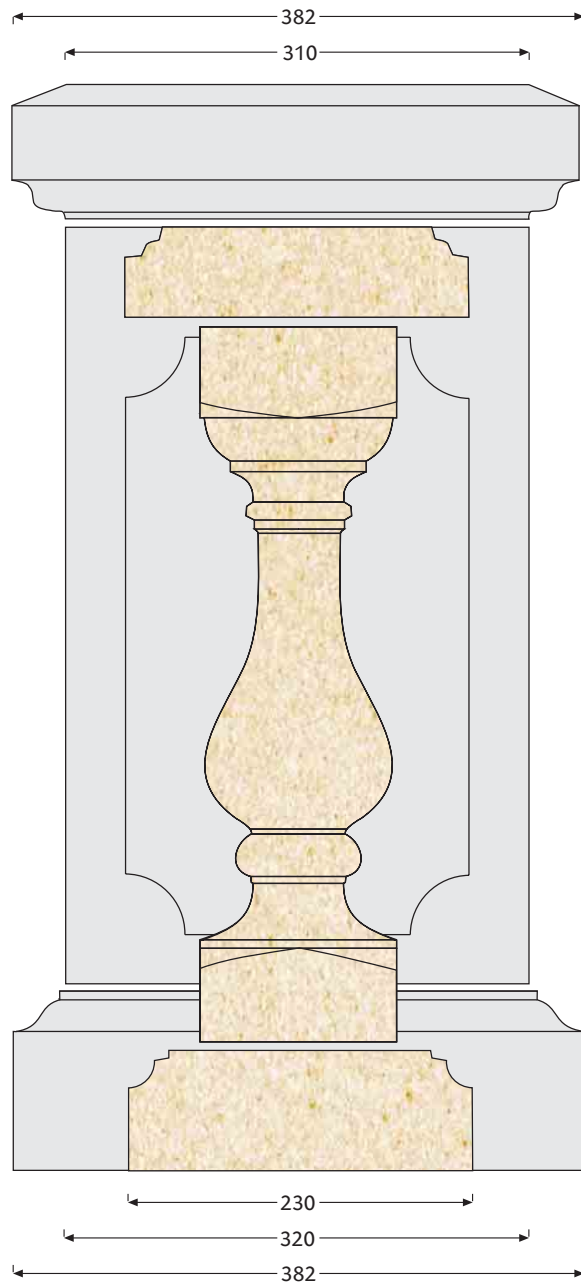


The Complete Range



Fleur de Lys

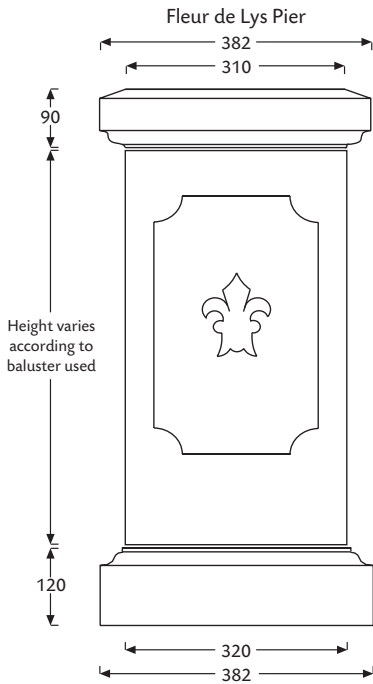
SECTION WITH AN *EXETER* BALUSTER



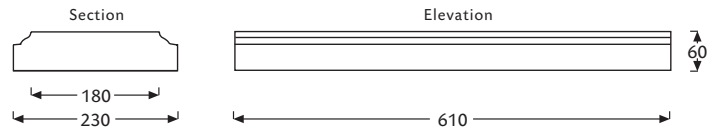
N.B. Dimensions do not include joints

Fleur de Lys

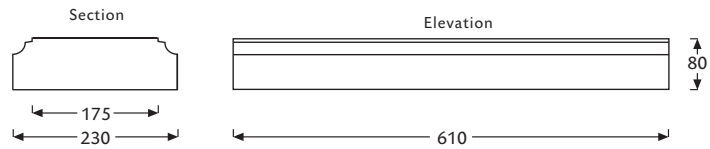
COMPONENT PARTS



Fleur De Lys Range Coping ref.Fd/Cop/60

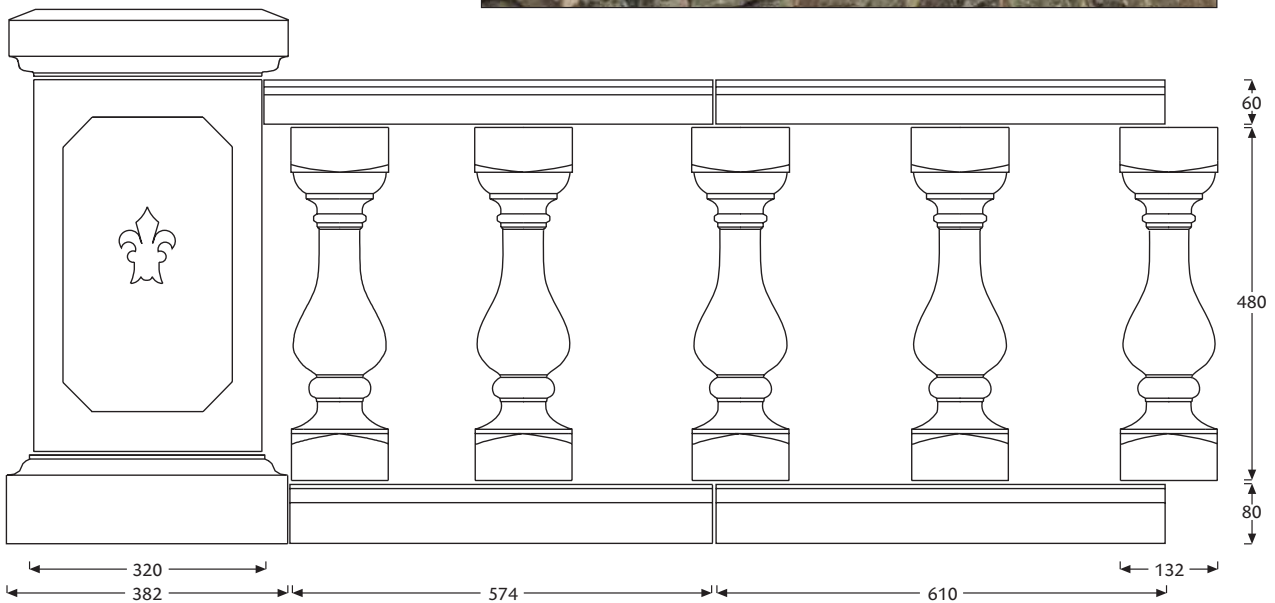


Fleur De Lys Range Plinth ref.Fd/Plinth/80



ELEVATION

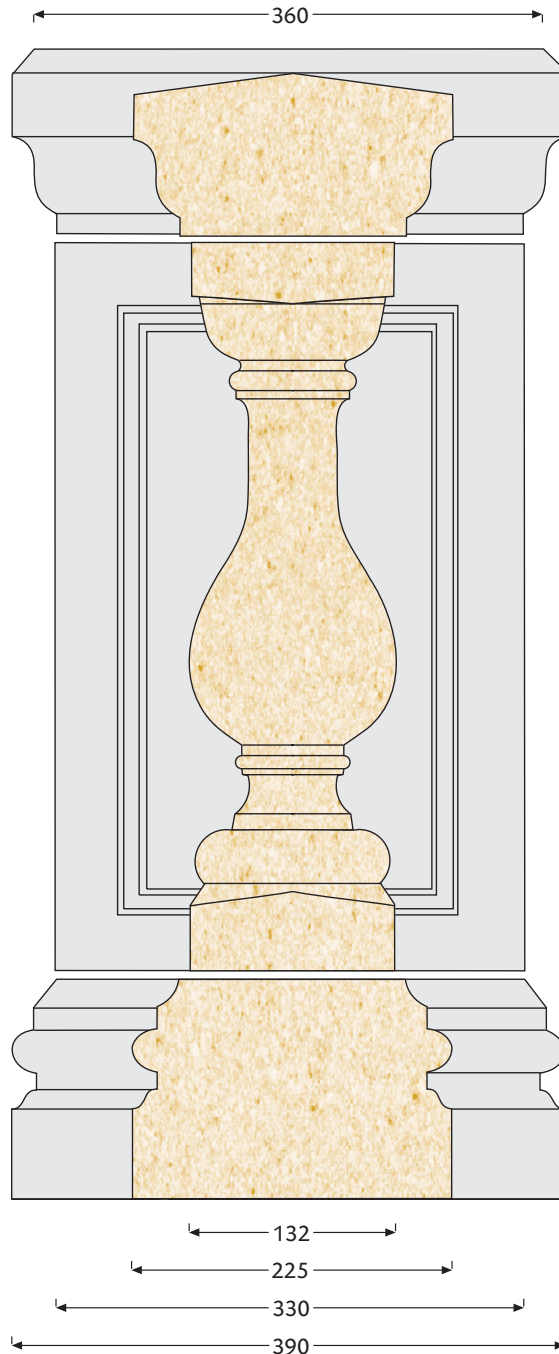
Fleur De Lys Range with Exeter Balusters



N.B. Dimensions do not include joints

Windsor

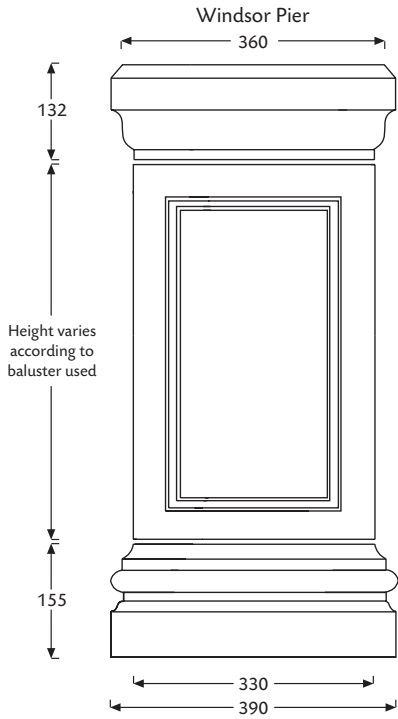
SECTION TWICE WEATHERED COPING
WITH AN *OXFORD* BALUSTER



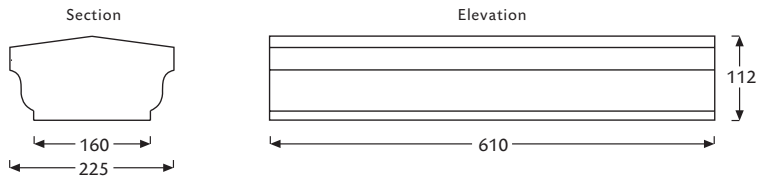
N.B. Dimensions do not include joints

Windsor

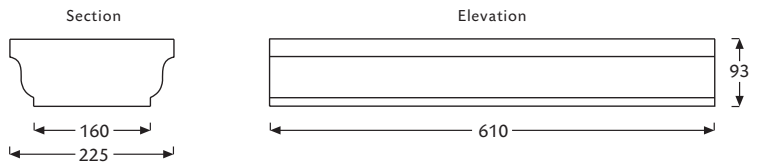
COMPONENT PARTS



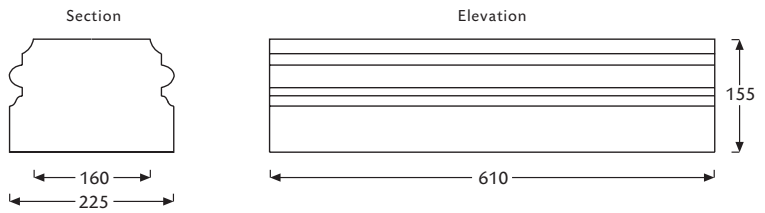
Windsor Range Coping ref.W/Cop/112/tw - Twice Weathered



Windsor Range Coping Flat ref.W/Cop/93/f

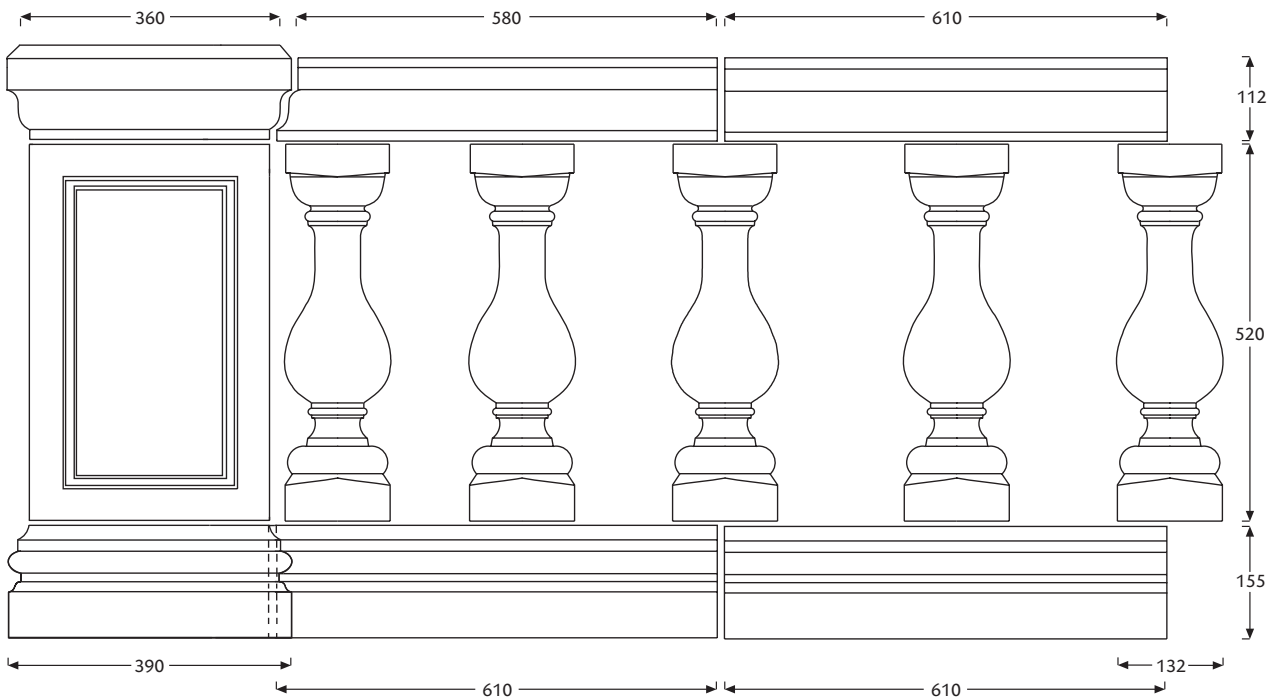


Windsor Range Plinth ref.W/Plinth/155



ELEVATION

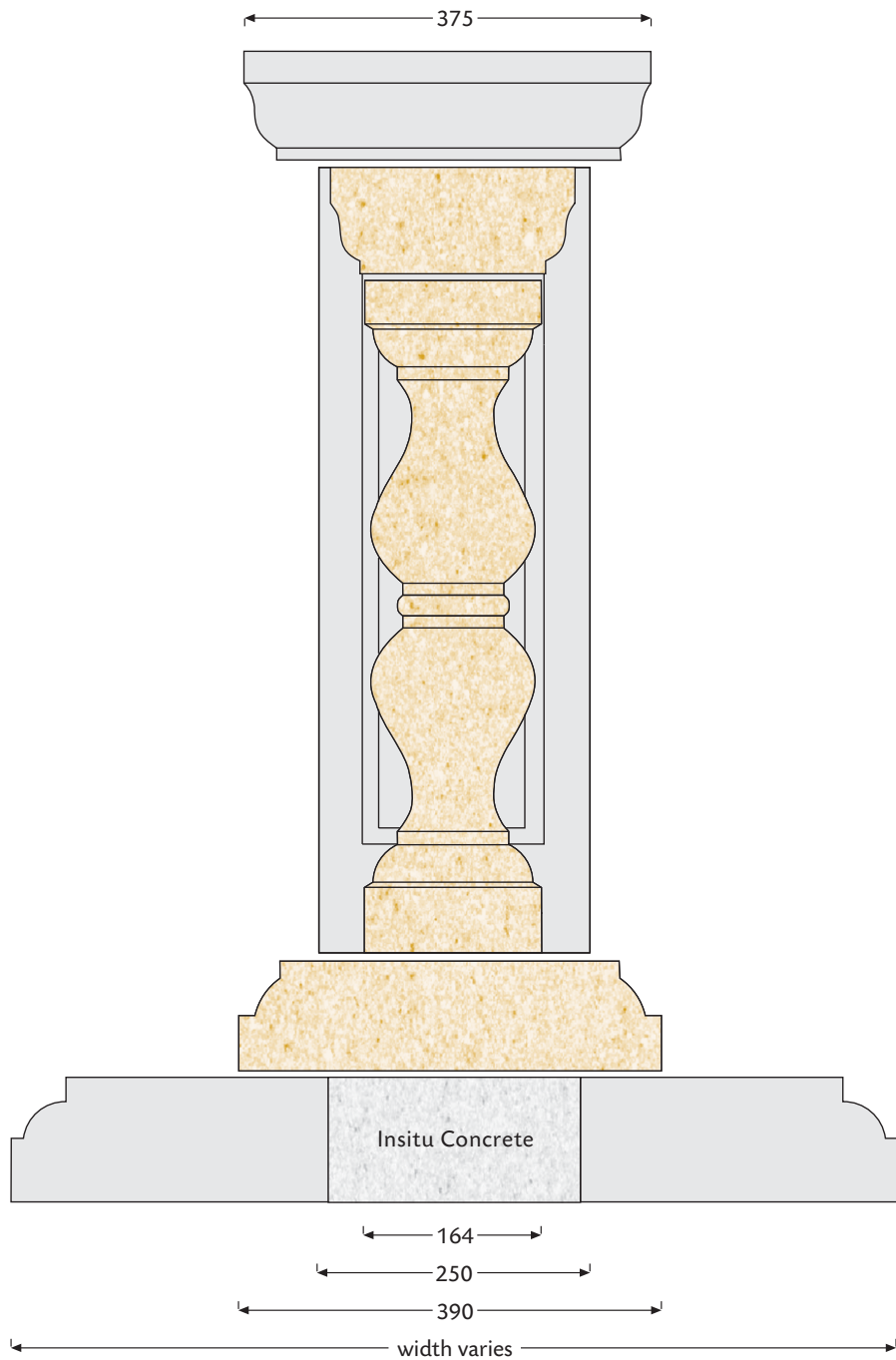
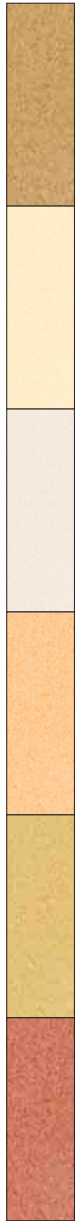
Windsor Range Twice Weathered Coping with *Oxford* Balusters



N.B. Dimensions do not include joints

Sandringham

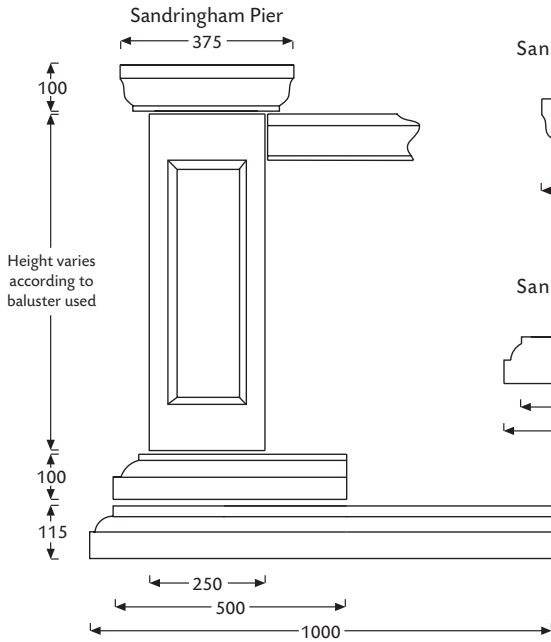
SECTION FLAT TOP COPING
WITH A *CARLISLE* BALUSTER



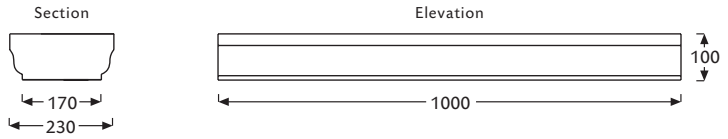
N.B. Dimensions do not include joints

Sandringham

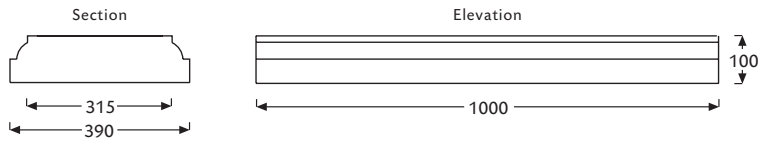
COMPONENT PARTS



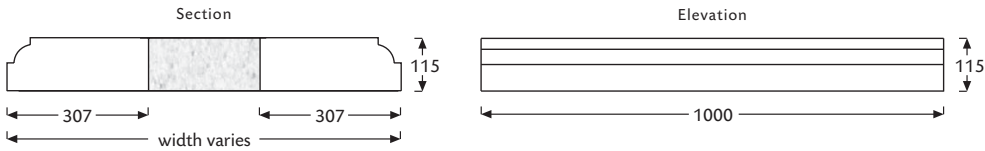
Sandringham Range Coping ref. S/Cop/100



Sandringham Range Plinth ref. S/Plinth/100

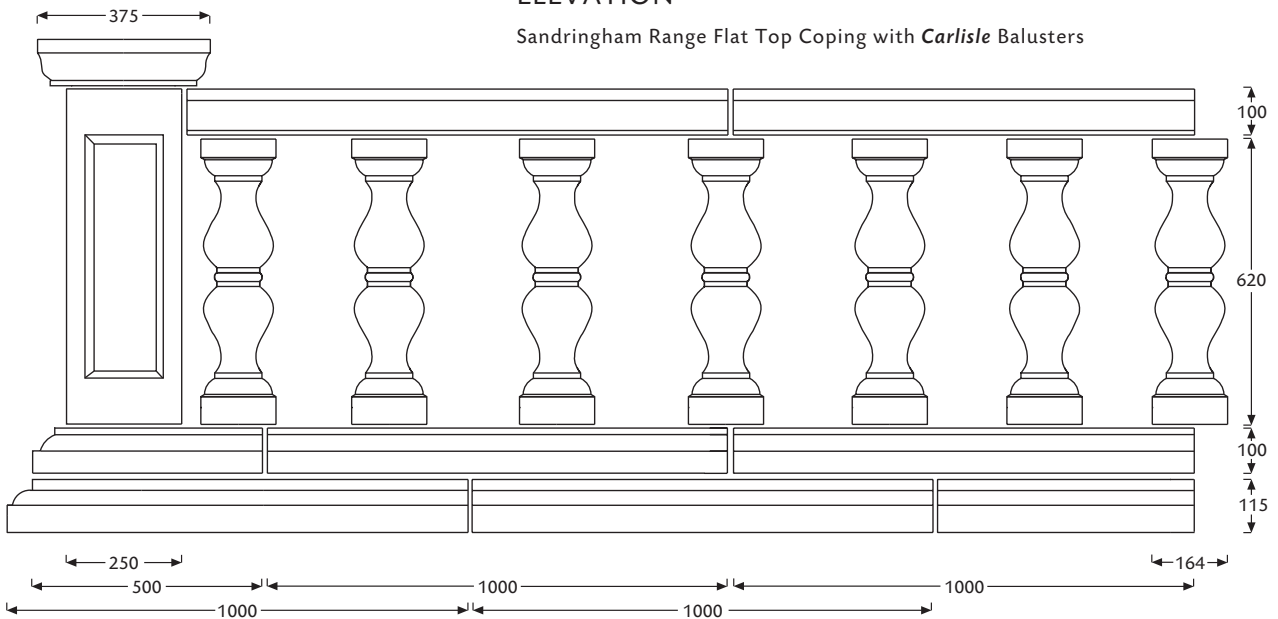


Sandringham Range Underplinth ref. S/Underplinth/115



ELEVATION

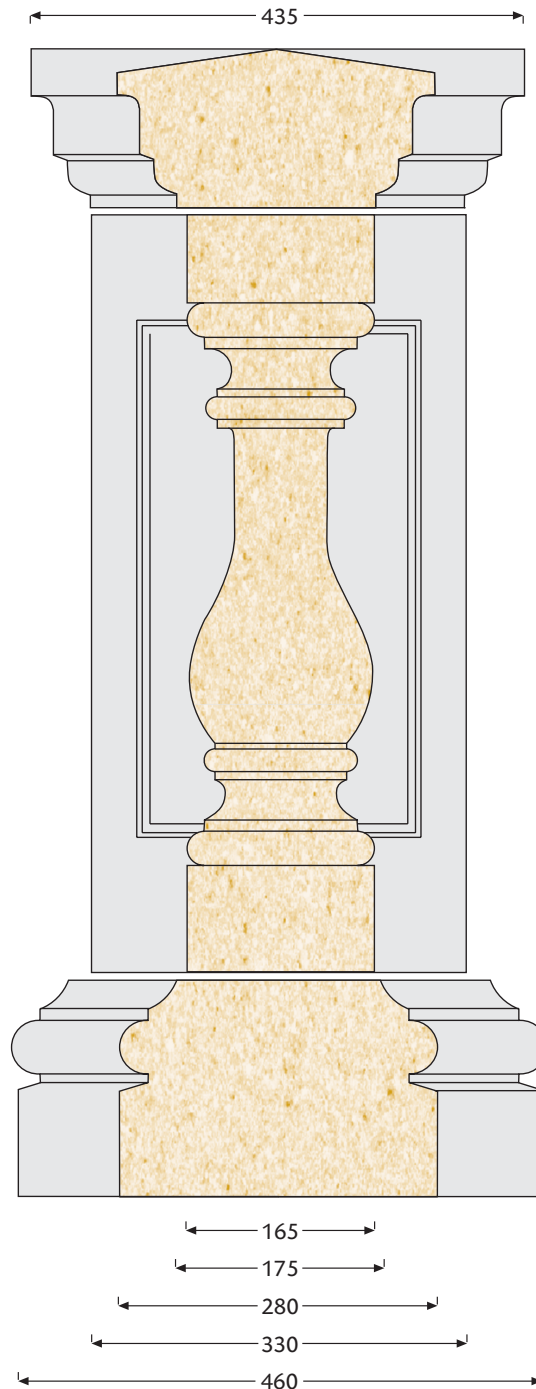
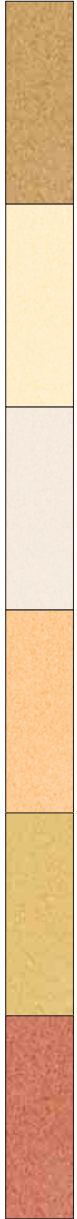
Sandringham Range Flat Top Coping with *Carlisle* Balusters



N.B. Dimensions do not include joints

Heritage

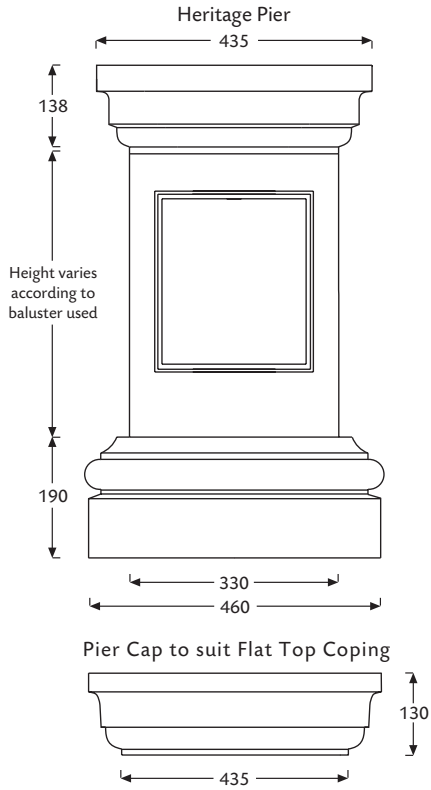
SECTION TWICE WEATHERED COPING
WITH A *RICHMOND* BALUSTER



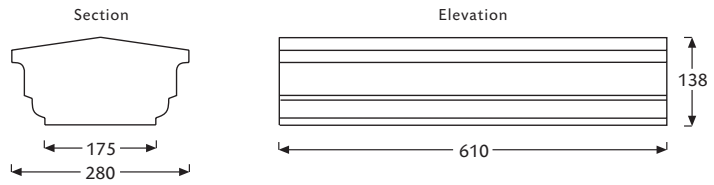
N.B. Dimensions do not include joints

Heritage

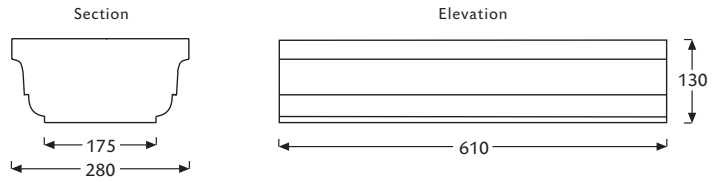
COMPONENT PARTS



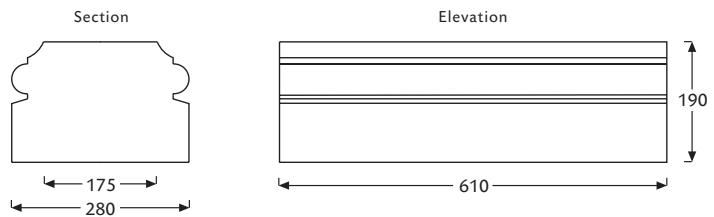
Heritage Range Coping - Twice Weathered ref. H/Cop/138/tw



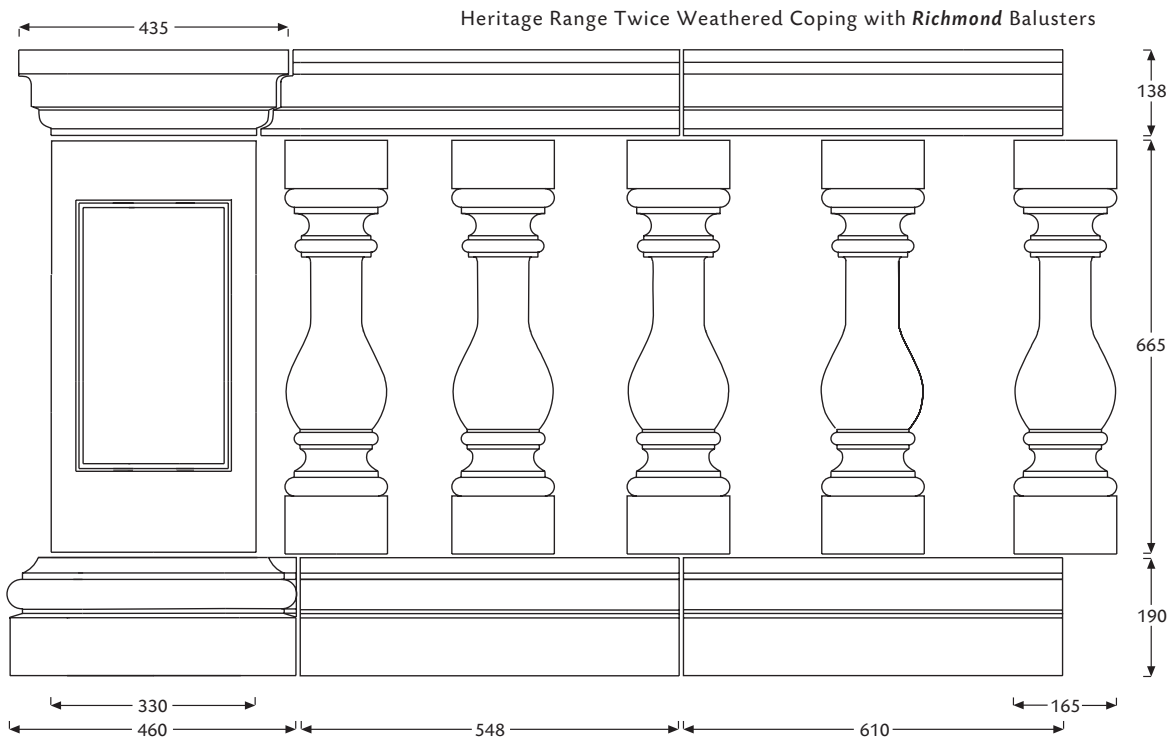
Heritage Range Coping - Flat ref. H/Cop/130/f



Heritage Range Plinth ref. H/Plinth/190



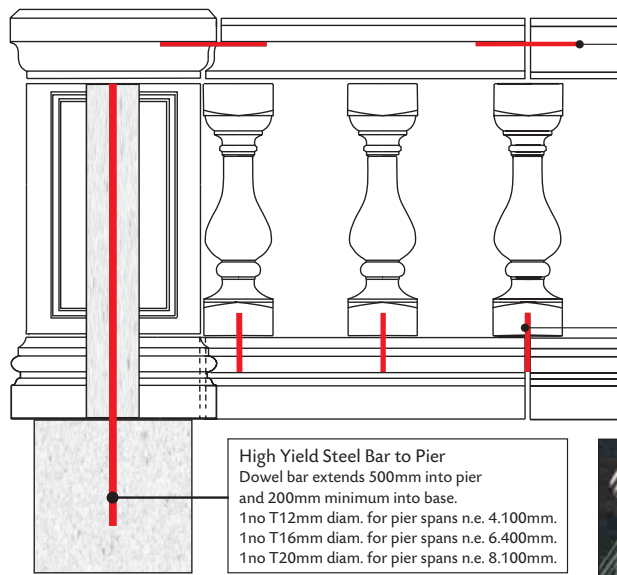
ELEVATION



N.B. Dimensions do not include joints

GENERAL FIXING ARRANGEMENT FOR RESIDENTIAL USE

Windsor Range Twice weathered Coping with *Exeter* Balusters



Stainless Steel Dowel Bar Epoxy Grouted from Coping to Coping
 200mm 1no 6mm diam. for coping spans n.e. 2.887mm.
 200mm 1no 8mm diam. for coping spans n.e. 3.849mm.
 200mm 1no 10mm diam. for coping spans n.e. 4.811mm.
 200mm 1no 12mm diam. for coping spans n.e. 5.773mm.
 200mm 2no 6mm diam. for coping spans n.e. 4.082mm.
 200mm 2no 8mm diam. for coping spans n.e. 5.443mm.
 200mm 2no 10mm diam. for coping spans n.e. 6.804mm.
 200mm 2no 12mm diam. for coping spans n.e. 8.165mm.

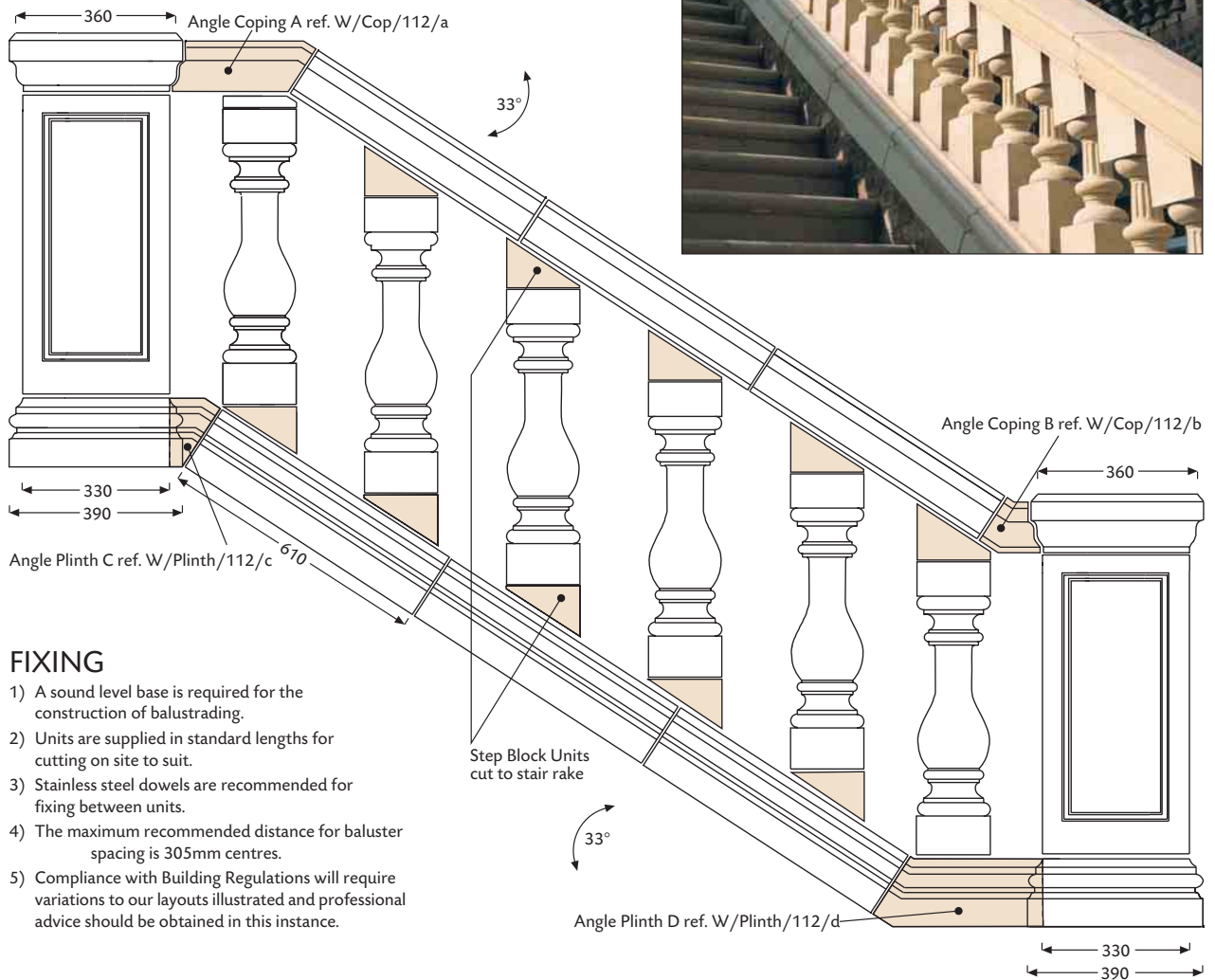
Stainless Steel Dowel Bar Grouted from base of Baluster into Plinth
 110mm 1no T8mm diam.

High Yield Steel Bar to Pier
 Dowel bar extends 500mm into pier and 200mm minimum into base.
 1no T12mm diam. for pier spans n.e. 4.100mm.
 1no T16mm diam. for pier spans n.e. 6.400mm.
 1no T20mm diam. for pier spans n.e. 8.100mm.



TYPICAL STAIRCASE DETAIL 33°

Windsor Range with *Richmond* Baluster on Stair Rake



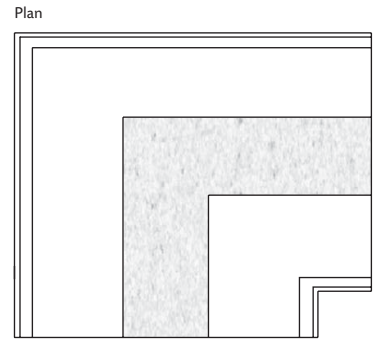
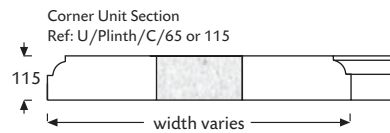
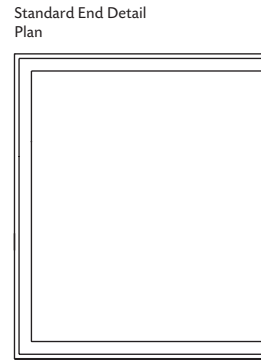
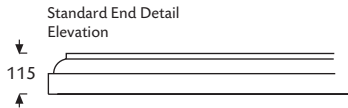
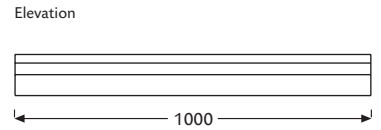
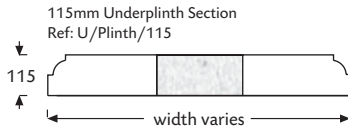
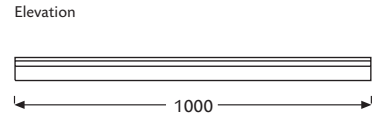
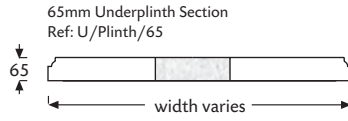
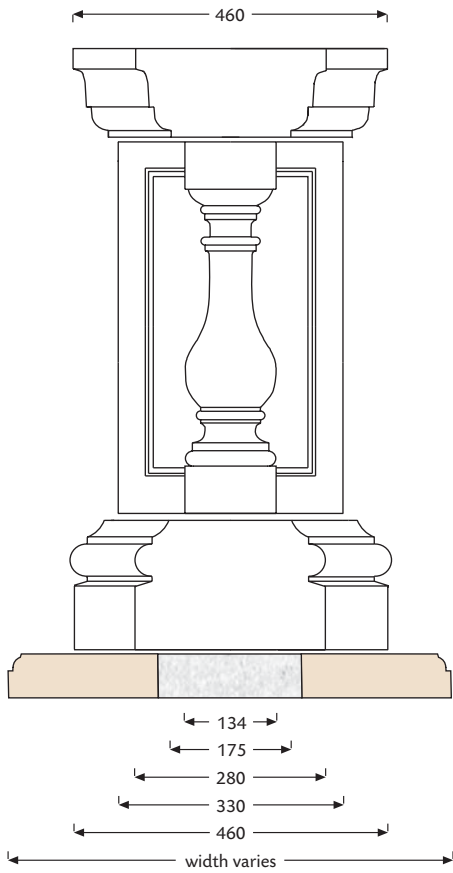
FIXING

- 1) A sound level base is required for the construction of balustrading.
- 2) Units are supplied in standard lengths for cutting on site to suit.
- 3) Stainless steel dowels are recommended for fixing between units.
- 4) The maximum recommended distance for baluster spacing is 305mm centres.
- 5) Compliance with Building Regulations will require variations to our layouts illustrated and professional advice should be obtained in this instance.

N.B. Dimensions do not include joints

STANDARD UNDERPLINTHS

Heritage Range Flat Top Coping Section with *York* Baluster and 65mm Underplinth.



ANCILLARY UNITS

A range of hand-crafted, classic urns, piers and ball finials will enhance any balustrading scheme.



Victorian Urn and Pier



Regency Urn and Heritage Pier Base



Tudor Urn



Ball Finial and Base Neck

	Height	Width	Width At Base
Victorian Urn	780mm	690mm	350mm
Victorian Pier	920mm	525mm	525mm
Regency Urn	460mm	550mm	260mm
Heritage Pier Base	190mm	365mm (top)	460mm
Tudor Urn (large)	430mm	510mm	295mm
Tudor Urn (small)	335mm	380mm	215mm

	Height	Width of Ball	Width At Base
Ball Finial	390mm	225mm	225mm
- with base neck	615mm	305mm	330mm
	780mm	380mm	380mm
	886mm	450mm	450mm
	1230mm	610mm	660mm

N.B. Dimensions do not include joints



MEXBORO

THE CAST MASTERS



ARCHITECTURAL

URNS • BALL FINIALS • COPING & PIER CAPS • COLUMNS • PORTICOS • DOOR SURROUNDS • QUOIN STONES • GATE PIERS
WINDOW CILLS & SURROUNDS • LINTELS & GABLE VENTS • FIREPLACE SURROUNDS • PLINTH/STRING COURSES • FACED 'ASHLAR' BLOCKWORK

STRUCTURAL

BEAM & BLOCK FLOORING • LINTELS • STAIRCASES & LANDINGS • STEP & RISER UNITS • GROUND BEAMS • DUCT COVERS
FRAMES, COLUMNS & BEAMS • RETAINING WALLS • BOLLARDS • POLISHED FACE UNITS • SPECIALIST WORK

For over thirty years Mexboro has specialized in the manufacture of high quality architectural cast stone and structural precast concrete and it is now one of the largest precast specialists in the South West of England.

Our portfolio of products spans the building industry from quality architectural stonework to precision structural concrete, and from individually designed one-off units to an extensive range of standard lines.

Mexboro is proud to have been associated with the supply of cast stone to numerous prestigious developments including projects for English Heritage, The National Trust, P.S.A. and the Ministry of Defence.

Talk to us about your projects and requirements.

Our technical and sales team will be happy to visit sites, supply quotations, and give structural and technical advice - 01803 558025

MEXBORO CONCRETE LIMITED

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