

SECTION 04220 - SPLIT FACE/SMOOTH FACE CONCRETE MASONRY UNITS

PART 1 – GENERAL

1.01 SUBMITTAL

- A. Submit color samples for selection from manufacturer's standard series or for colors indicated on construction drawings. Submit product literature, certifications, test reports and full-size samples of each color specified.

1.02 QUALITY ASSURANCE

Certifications: Split Face blocks shall conform to ASTM C90, Type 1.

1.02 DELIVERY, STORAGE, AND HANDLING

- A. Concrete masonry units shall be delivered to the job-site on heavy-duty wooden pallets and with shrink or stretch-wrap covering over the entire package. Store pallets (single stacked) on level ground and cover with waterproof tarpaulins to protect pallets of block from the weather. Handle the units with ordinary care to prevent chips and breakage to the faces.

PART 2 - PRODUCTS

2.01 MANUFACTURER

- A. Amcor/Oldcastle
- B. Interpace Brick
- C. or Equal

2.01 WATER REPELLENCY

- A. All split face or smooth face units shall be manufactured using a water-repellent admixture. This admixture shall be introduced into the concrete mix to render the units permanently water-repellent.

On all exterior walls the use of a matching water-repellent admixture for the mortar shall be used.

PART 3 - EXECUTION

3.01 LAYING MASONRY WALLS

- A. Lay units with care to use the best masonry practices. Install only quality units; reject any defective units...call manufacturer at once if units are suspected to be defective. Align units level, plumb and true with uniform carefully tooled 3/8" mortar joints.

3.02 INSTALLATION

- A. Lighting: Install masonry with lighting adequate to simulate the lighting that will exist after the project is completed.

Cutting: Cut units carefully and neatly where required for bonding, junction boxes, jambs, etc.

3.02 INSPECTION

- A. The split or smooth faces of the units shall be free from chips, cracks, crazes or any other imperfection that would detract from the overall appearance of the finished wall when viewed from a distance of twenty (20) feet at right angles to the wall with normal lighting.

3.03 FLASHING OF MASONRY

- A. Install flashing as indicated by construction drawings and details and in accordance with the best masonry practices.

3.04 WEEP HOLES AND VENTS

- A. Install weep holes and vents at proper intervals (above head joints 32" O.C. and 2" long typical) at courses above grade, above flashing, and over doors, windows and beams.

3.05 POINTING

- A. Tuckpoint the false joints (scores) of scored split face or smooth face concrete masonry units to make the scores more closely match the head joints.

3.06 CLEANING (IN PROGRESS AND FINAL)

- A. Keep walls as clean as possible during work in progress. Avoid using brushes, rags, etc. on mortar that is not fully dry. Contact the manufacturer for final clean-down instructions.

3.07 MAINTENANCE

- A. Split Face Units when properly installed and cleaned need very little or no maintenance. Cleaning when required, should first be done with appropriately diluted standard commercial or household cleaning agents.

END OF SECTION 04220