

SPECIFICATIONS FOR GROUND FACE CONCRETE MASONRY UNITS

Ground Face Masonry Units: Units shall comply with all requirements of the current issue of the following standards and with all other requirements specified herein.

1. Hollow & Solid Load bearing Units: Shall comply with all provisions of ASTM C90-96a.
2. Compressive Strengths: All units shall have a minimum compressive strength on the net area of 3500 PSI when tested in accordance with ASTM C-140.
3. Normal Weight aggregates shall conform to ASTM C-33.
4. Light weight aggregates shall conform to ASTM C-331.
5. All Ground Face masonry units shall be manufactured by Jandris & Sons, Gardner, MA. Color shall be (Jandris product number) or color to be selected by architect.
6. Bidders who desire to use another manufacturer shall submit samples and technical data to the architect for evaluation, inspection and written approval prior to the bid date covering this section. If the product is approved, an addenda will be issued.
7. Ground Face Block shall be delivered to the job site on wooden pallets, covered with heat shrink plastic and a non-staining protective cushion between finished faces. Store on level ground. Do not double stack.
8. **CLEANING: UNDER NO CIRCUMSTANCES SHOULD** acid, highly concentrated masonry cleaners, steam or high pressure water be used. Mild detergents with a low pressure water hose, may be employed to remove excessive mortar stains, dirt and dust. Pre-soak wall before cleaning, and thoroughly rinse after with clean water as consistent with the best concrete masonry construction practices.
9. Unit Samples: Four representative samples of masonry units showing range of color, texture, dimension and any scoring or similar treatment, shall be submitted for approval prior to installation of any such units.
10. Sample Panel: Prior to commencing work, the contractor shall erect on the site a sample panel of the masonry materials to be utilized. Panel size shall be approximately six feet long and four feet high and shall incorporate units, mortar, reinforcement and workmanship to be used on the job. Panel shall be protected and remain in place until removal is authorized. Approved panel shall constitute standards or colors and textures of units, mortar, bond pattern, joint finish and workmanship.

Optional •CHOOSE AS APPROPRIATE

- a. Special Surface treatment: Where indicated on drawing, a vertical score (s) shall be incorporated on the unit face without chipping or cracking.
- b. All exposed faces shall be treated with a water resistant sealer applied under pressure by the manufacturer prior to shipment to impart resistance to staining from masonry mortar during erection.
- c. Where a fire resistance rating is shown on the drawings, provide units meeting that requirement when rated in accordance with the Equivalent Thickness Method of the Building Officials Conference of Americas Inc. (B.O.C.A.)
- d. Insulation: Inserts shall be installed in the cores of blocks at the block producer's plant. Korfil "U" shaped units or Icon single face units as manufactured by Concrete Block Insulating Systems, West Brookfield, MA.
- e. Ground Face units shall be manufactured with an integral water repellent system (such as "Dry Block"). Units shall be manufactured by a qualified producer.

NOTES TO SPECIFIER:

- 1 . This information may be used as a complete material section. It should be supplemented by an appropriate workmanship specification.
2. It is important to understand that all architectural block, are manufactured specifically for each individual job. Color and texture can vary somewhat between each production run. If the sample panel is supplied from stock yard leftovers, the block that is produced for the job could vary from the sample panel. This shall not be deemed grounds for rejection.