Nitterhouse’s alternative to the look of clay brick is our Monarch Blox. They are 1/2 high through wall units. Thus, they are the height of a regular brick but the length and depth of a regular block. Our Monarch Blox are integrally colored and the perfect choice for fast-track jobs that want the look of brick. These units meet ASTM-C90 standard for load-bearing concrete masonry units and can be used in both at and below grade applications.

Also include the sizes:
- 3 5/8” x 3 5/8” x 15 5/8”
- 7 5/8” x 3 5/8” x 15 5/8”
- 11 5/8” x 3 5/8” x 15 5/8”

MONARCH BLOX CHESTNUT BLEND
PART 1 - GENERAL
PRODUCT NAME
Monarch Blox CMU's

MANUFACTURER
Nitterhouse Masonry Products, LLC
(717) 267-4500
P. O. Box 692
859 Cleveland Avenue
Chambersburg, PA 17201

SIZING AND SHAPES
Specify exact sizes and shapes required. Also specify if finished ends, scores, and chamfers are required.

Standard finish dimensions: 3 5/8" x 3 5/8" x 15 5/8", 7 5/8" x 3 5/8" x 15 5/8", and 11 5/8" x 3 5/8" x 15 5/8" typical

Bed depth sizes nominal: 4", 8", 12".

SEALER
All ground face CMU's are factory sealed with a VOC compliant water based acrylic resin sealer and conforms to ASTM C-744 standards. It is recommended that a second coat of sealer be applied after final wash down to seal the entire wall.

INTEGRAL WATER REPELLENT
All Architectural CMU's are produced with SIKA AE-3 integral water repellent. Integral water repellent SIKA W-10 M mortar admixture must be added to the mortar by the block manufacturer which produced the block for the project to validate warranty.

PART III - EXECUTION
LAYING MASONRY WALLS
Layout units using the best concrete masonry practices. Install only quality units; reject any defective units. Units should include uniform 3/8" wide joints on the completed side of the wall. Draw block from 4 different pallets at a time during installation to maintain a more uniform wall color. Refer to NCMC TEK #314 for the concrete masonry construction practices.

INSTALLATION
Mortar Bed and Jointing:
1. Lay units with full mortar coverage on head and head joints.
2. Toril all mortar joints when thumbprint hard into a concave configuration.
3. Care should be taken to remove mortar from the face of masonry units before it sets.
4. Tuck point the joints of scored units for proper appearance.

CLEANING
Keep walls clean during installation using brushes. Do not allow excess mortar or smears to harden on the finished surface. Harsh cleaning methods after walls have been erected may mar the surface of the blocks. Clean masonry units within 7 to 14 days of laying the wall. Failure to do this could result in harsh methods needed to remove mortar and debris; thus, resulting in damaging the finish of the product.

FINAL CLEANDOWN
The recommended clean down would be to use clear water and a brush. If additional cleaning is required, the use of a detergent masonry cleaner formulated for concrete masonry may be used, strictly following the manufacturer's instructions including thorough pre-wetting of the walls and thorough rinsing. Do not use acid or abrasives on the finished surfaces. Failure to strictly follow manufacturer's instruction can result in permanent damage to the finished faces. High-pressure power washing is not recommended.

FIELD APPLIED SEALER
An additional coat of sealer should be field-applied by a qualified applicator. An acrylic water based sealer should be used Nitterhouse will supply sealer at customer's request. Please see representative for pricing & availability. All repairs are to be completed prior to sealing of masonry units. Refer to Nitterhouse for preferred sealer to be used.

NICTRE BRICK

PART 1 - GENERAL
PRODUCT NAME
Nicrete Brick

MANUFACTURER
Nitterhouse Masonry Products, LLC
(717) 267-4500
P. O. Box 692
859 Cleveland Avenue
Chambersburg, PA 17201

SIZES AND SHAPES
Specify exact type of finish required:

Nicrete Classic, Guilford Stone, Nicrete Traditional, Traditional Colonial

QUALITY ASSURANCE
Certifications: All Nitterhouse Nicrete brick products are produced to meet or exceed ASTM C55-01 and ASTM C129 standards when tested according to ASTM C140 Testing Procedures.

QUALITY ASSURANCE
Certifications: All Nicrete Architectural concrete masonry units, properly installed and cleaned, need very little, if any, future maintenance. Groutft, paint, or stains might require the use of special cleaning agents. Contact Nitterhouse for specific cleaning recommendations.

MANTAINANCE
Nitterhouse Architectural Concrete Masonry Units, properly installed and cleaned, need very little, if any, future maintenance. Groutft, paint, or stains might require the use of special cleaning agents. Contact Nitterhouse for specific cleaning recommendations.

PART II - PRODUCTS
FINISHES
Specify exact type of finish required:

Nicrete Classic, Guilford Stone, Nicrete Traditional, Traditional Colonial

PART II - PRODUCTS
FINISHES
Specify exact type of finish required:

Nicrete Classic, Guilford Stone, Nicrete Traditional, Traditional Colonial

MORTAR SPECIFICATIONS
Type N or S mortar shall be specified for use with Nicrete products.

PART III - EXECUTION
JOBSITE PROCEDURES AND COLOR
Since our products are manufactured from natural quarried materials, it is recommended that the mason use products from four (4) separate pallets when placing the products in the wall. This will minimize the occasional, slight variation in color change.

WORKMANSHIP
All workmanship must be in accordance with proper concrete masonry techniques as outlined by the National Concrete Masonry Association - NCMA.org

FLASHING OF MASONRY WORK
Install flashing at locations shown in the plans and in strict accordance with the details and the proper masonry flashing practices as outlined in the CONCRETE MASONRY HANDBOOK published by the Portland Cement Association.