

specifications | designer collection™ decorative concrete brick

PART 1—GENERAL

SUBMITTAL

Submit color samples for selection from manufacturer's series. Submit product literature, certifications, test reports and full size sample(s) of each color specified.

QUALITY ASSURANCE

Certifications (Split Face, Matte Face, Sandblasted, Tumbled): Concrete brick for finishing shall conform to ASTM C55. The provisions of ASTM C55, apply with regard to appearance.

Fire Resistance: Define hourly ratings required as 1, 2, 3 or 4 hours.

Field Constructed Mock-Ups: Construct a sample panel, no less than 4' x 4', of units of each color & size to be used in the project.

DELIVERY, STORAGE AND HANDLING

Brick units shall be delivered to the jobsite on covered pallets. Store pallets in single stacks on level ground and cover with waterproof covering (e.g., tarpaulins) to protect the blocks from inclement weather. Handle blocks carefully to avoid breakage and damage to the finished surfaces.

PROJECT/SITE CONDITIONS

Protection of Work: Cover tops of walls each day after installation to keep open walls protected and dry. After units are installed they should be protected from staining or other damage by covering the bottom of the walls with plastic.

PART 2—PRODUCTS

PRODUCT NAME

Designer Collection™ Decorative Concrete brick

MANUFACTURER

New Holland Concrete
828 East Earl Road
New Holland, PA 17557
800.543.3860

RELATED MATERIALS

Colored matching or contrasting mortar as available from New Holland Concrete. Refer to Division 4 Masonry Section for mortar type and specifications. Use Rheopel® water-repellent mortar additive, available from New Holland Concrete, following manufacturer's instructions, in all exterior mortar.

SIZES AND SHAPES

Modular Units: 2 1/4 x 3 5/8 x 7 5/8, 2 1/4 x 3 5/8 x 15 5/8

Jumbo Units: 2 5/8 x 3 5/8 x 15 5/8

Economy Units: 3 5/8 x 3 5/8 x 7 5/8

Monarch Units: 3 5/8 x 15 5/8

MASONRY CLEANERS

Use masonry cleaners such as Sure Klean® Custom Masonry Cleaner. Follow manufacturer's instructions for proper mixing and application. Do not apply Sure Klean with pressure spray above 50 psi. *CAUTION! Never use Muriatic Acid solution on units.*

Part 3—Execution

INSTALLATION

Lay bricks from more than one pallet at a time during installation. Lay units using the best concrete masonry practices. Lay bricks with the faces level, plumb and true to the line strung horizontally at the face. Complete masonry construction using procedures and workmanship consistent with the best masonry practices.

Cutting: Make all unit cuts, including those for bonding, holes, boxes, etc., with motor-driven masonry saws, using either an abrasive or diamond blade. Cut neatly and locate for best appearance.

Mortar Bedding and Jointing:

- Lay units with full mortar coverage on head and bed joints.
- Tool all mortar joints -when thumbprint hard- into a concave configuration.
- Care should be taken to remove mortar from the face of brick units before it sets.
- DO NOT USE RAKE JOINTS – UNLESS NOTED.

INSTALLATION RECOMMENDATIONS

- Cavity wall construction is recommended for exterior walls, with proper flashing, venting and weep holes.
- A complementary or matching mortar color is recommended when using colored architectural units.
- Always test a small, inconspicuous area before using cleaners. Do not use acids or abrasives on finished surfaces.

FLASHING OF MASONRY WORK

Install flashing at locations shown in the plans and in strict accordance with the details and the best masonry flashing practices.

WEEP HOLES AND VENTS

Install weep holes and vents at proper intervals at courses above grade, above flashing, and at any water stops over windows, doors and beams.

INSPECTION

The brick faces shall be free from chips, cracks, 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.

DAILY CLEANING

Keep walls clean daily during installation using brushes. Do not allow excess mortar lumps or smears to harden on the finished surfaces. Harsh cleaning methods after walls have been erected may mar the surface of the blocks.

FINAL CLEANING

Clean the completed walls with a masonry cleaner APPROPRIATE FOR THE FINISH, strictly following the manufacturer's instructions including thorough rinsing. Do not use acid or abrasives on the finished surfaces. For stubborn mortar stains or smears, a 15:1 solution of Sure Klean® Custom Masonry Cleaner may be used as long as the walls are thoroughly wetted before applying the cleaning solution and thoroughly rinsed with clean water immediately after washing. Failure to strictly follow manufacturer's instruction can result in permanent damage to the finished faces.

MAINTENANCE

Concrete brick units, properly installed and cleaned, need virtually no maintenance other than routine cleaning with standard commercial grade cleaning agents.