

Part 1 - General

PRODUCT NAME --

Textured NMP Architectural Legacy Stone Masonry Units
Terrazzo NMP Architectural Legacy Stone Masonry Units

MANUFACTURER

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

SUBMITTAL

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

TECHNICAL INFORMATION

Architectural units to conform to the following physical properties.

Suitable for at-grade installation.

Meets ASTM C-90.

Compressive Strength -- ASTM C67 -- 8,000 PSI

Absorption -- ASTM C140 -- Less than 4%

Density ASTM -- C140 -- 145 lbs pcf

Freeze Thaw Durability -- ASTM 1262 -- Less than 3% (50 cycles)

Note: Products meet ASTM C 90 Standard Specifications for Load-bearing Concrete Masonry Units.

QUALITY ASSURANCE

Certifications: NMP Architectural Legacy Stone units meet ASTM C-90 specs; however, they are not designed to be a load-bearing unit. All non-load bearing units comply with C-129. All aggregates shall conform to ASTM C33. All sampling and testing shall be according to ASTM C140.

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

DELIVERY, STORAGE AND HANDLING

NMP Architectural Legacy Stone units shall be delivered to the jobsite on stretch-wrapped wooden pallets. Protective sheets to be used to protect the faces. Store pallets in single stacks on level ground and cover with water-proof cover

(tarpaulins) to protect the blocks from inclement weather. Handle blocks carefully to avoid breakage and damage to the finished surfaces.

Part 2 - Products

FINISHES

Textured Finish and Terrazzo Finish Available

SIZES AND SHAPES

3-5/8" x 3-5/8" x 23-5/8"

3-5/8" x 7-5/8" x 23-5/8"

3-5/8" x 11-5/8" x 23-5/8"

3-5/8" x 15-5/8" x 23-5/8"

3-5/8" x 11-5/8" x 11-5/8"

3-5/8" x 11-5/8" x 15-5/8"

Other sizes are available upon request. Finished ends, scores, and chamfers also available upon request.

Part 3 - Execution

LAYING MASONRY WALLS

Lay units using the best concrete masonry practices. Install only quality units; reject any defective units. Draw blocks from 4 different pallets at a time during installation to maintain a more uniform wall color. Refer to NCMA TEK 3-1A for hot and cold weather construction practices.

INSTALLATION

1. Install units in accordance with standard acceptable masonry practices.
2. Material to be pulled from various cubes.

3. Do not use pry bars or other equipment that could cause damage when installing the units.
4. Set units in a full bed of mortar. Vertical and horizontal joints to be 3/8" unless otherwise indicated on the drawings.
5. Shims may be used to space units.
6. Joints to be tooled with a concave profile.
7. NMP Architectural Legacy Stone shall have the required amount of control joints as required by the Architect/Engineer. See NCMA TEK 10-2B and NCMA TEK 10-4 for reference.
8. Careful attention should be given to anchoring connections. Slots and dowel holes are to be filled with mortar grout.
9. Cut units using motor-driven masonry saws.
10. Remove excess mortar from masonry immediately.

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.

NMP Architectural Legacy Stone

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.

PROJECT/SITE CONDITIONS

Protection of Work: Cover walls each day after installation to keep open walls protected and dry. After units are installed they should be protected from damage by other trades performing operations that can stain or otherwise damage the finished surfaces by covering walls with plastic.

INSPECTION

The textured-finish units are designed to have a weather-worn look; however, the face of all products 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, as per ASTM C129, C90.

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.

SEALER

If specified, sealer to be field-applied by a qualified applicator. All repairs are to be completed prior to sealing of masonry units. Refer to manufacturer for preferred sealer to be used.

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 cleanser 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.

NMP Architectural Legacy Stone Sill Shapes

