

Benchmark Series Burnished Masonry Units Specifications

PART 1 - GENERAL SUBMITTAL

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

QUALITY ASSURANCE

Certifications: **Benchmark Series**

Burnished Masonry Units

shall comply with recommendations of the National Concrete Masonry Association, and conform to ASTM C90, for hollow and solid load bearing units. Units shall be normal weight block, withstanding compression test loads of at least 3,000 psi for individual units, or 3,500 psi for an average of five units; basing load figures on the average net area of the blocks. Benchmark Burnished Masonry Units shall meet or exceed requirements for ASTM C55-06e1. All faces of units shall be ground to a depth sufficient to uniformly expose the aggregates. A sample panel shall be constructed for approval of color and texture prior to erecting walls. All burnished units are to receive one coat of factory sealant. A second coat shall be applied in the field after the walls are erected.

RELATED INFORMATION

Fire Resistance: Hourly fire rating information, defined and required by NCMA TEK NOTES, available at www.grandblancement.com

Oversize Units: Benchmark Burnished Masonry Units are typically oversize units that meet or exceed the specifications set forth and required by ASTM C90 and ASTM C55-06e1. See sizes and shapes for details or visit website for more information at www.grandblancement.com.

PART 2 - PRODUCTS PRODUCT NAME

Benchmark Series Burnished
Masonry Units

SIZES AND SHAPES

4 x 8 x 12, 4 x 12 x 12, 4 x 12 x 16,
4 x 16 x 16, 4 x 4 x 24, 4 x 8 x 24,
4 x 12 x 24, 4 x 16 x 24
24" and 36" Column Units
4" and 8" Accent Radius Units

MANUFACTURER

Grand Blanc Cement Products, Inc.
10709 S. Center Road
Grand Blanc, MI 48439
P 800-875-7500 F 810-694-2995
www.grandblancement.com

PART 3 - EXECUTION LAYING MASONRY WALLS

All Benchmark Burnished Masonry Units shall be drawn from more than one pallet at a time and must be laid using the best concrete masonry practices. Lay block with the faces level, plumb, and true to the mason line strung horizontally at the ground face. Both horizontal and vertical joints should be 3/8" on the finished side of wall. Joints should be neatly tooled after they are finger-hard. Cut pieces should be sized and placed appropriately to maintain bond and consistency.

INSTALLATION

Lighting: Always use adequate lighting for masonry work. For even and consistent illumination, always place lights at a reasonable distance from the wall. For best results, do not use trough lighting.

Cutting: Use the correct type of motor driven masonry saws to make all cuts, including those for bonding, holes, boxes, etc. Use diamond or abrasive blades and make neat cuts to provide the best appearance.

MORTAR BED & JOINTING

Units shall be laid with full mortar coverage on the head and bed joints without blocking cores. All joints shall be tooled when finger-print hard into a concave shape. Remove mortar from face of masonry units before it sets. Tuck-point all joints of scored units for proper appearance. All exterior scored units must be tuck pointed to prevent water penetration. **DO NOT RAKE JOINTS.**

FINAL CLEANING

Prior to second coat of sealant applied in the field, units shall be cleaned with **Custom Masonry Cleaner** by PROSOCO (never use acid). Clean each block face equally, do not spot clean. Allow wall to dry completely before applying second coat of sealant.

FIELD COAT APPLICATION

Apply an **even** coat of sealant, making sure the mortar joints are thoroughly covered. Airless spraying is preferred. It is recommended that an experienced painting contractor apply the field coat of sealant. Manufacturer will provide the name of sealant used on each job upon request and reserves the right to change brands at its sole discretion. Use of an unauthorized coating or product will void any warranty that may otherwise apply. Future maintenance shall only require normal cleaning for Interior Burnished Masonry. Exterior Burnished Masonry may require another coat of sealant after several years of weathering.

Note: consult NCMA TEK NOTES regarding proper installation techniques of concrete masonry units.



Grand Blanc
CEMENT PRODUCTS

10709 S. Center Rd.

Grand Blanc, MI 48439

Ph: 800-875-7500 Fax: 810-694-2995

www.grandblancement.com

