

Benchmark™ Series

Manufactured by: Grand Blanc Cement Products



Grand Blanc
CEMENT PRODUCTS



Setting New Standards for Architectural Masonry Units

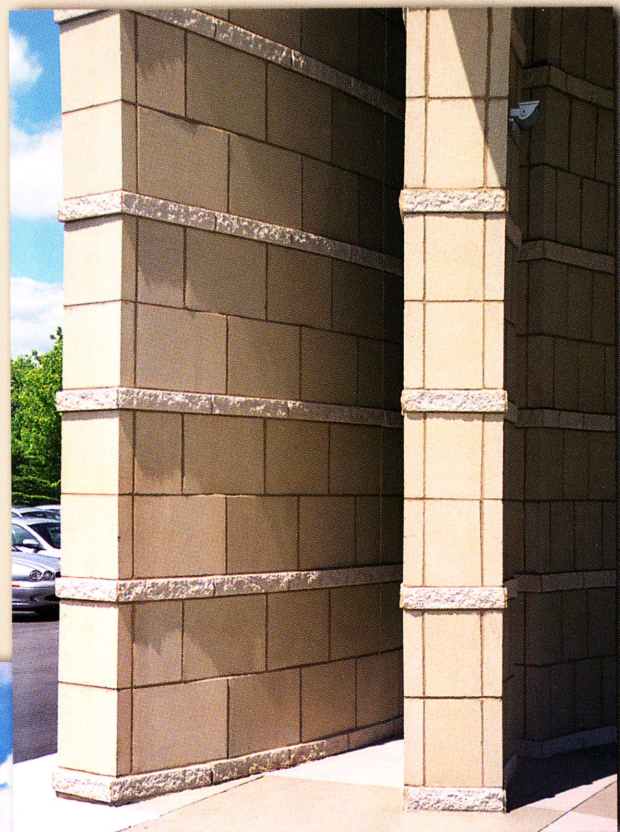


MORE DESIGN FLEXIBILITY - An expanded variety of sizes allows designers more flexibility in matching block size with the size and scale of the project.

LONGER LASTING BEAUTY - Your project will continue to look spectacular decade after decade.

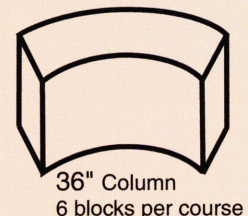
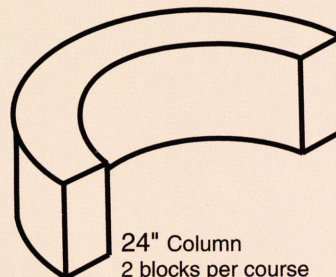
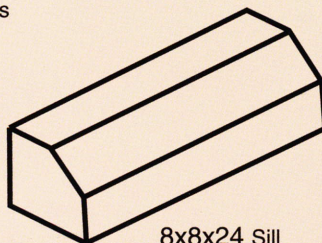
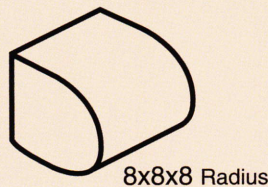
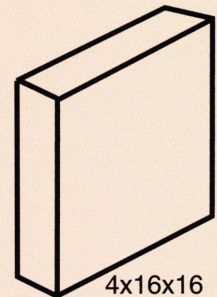
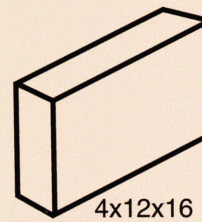
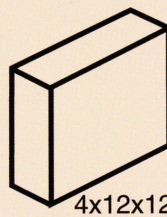
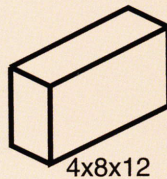
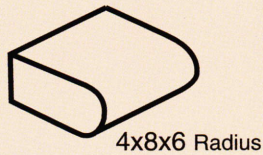
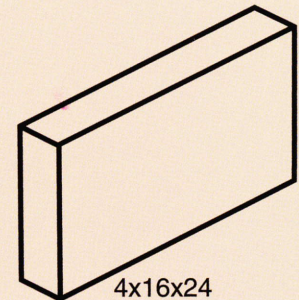
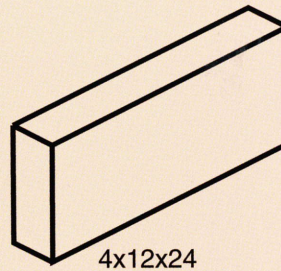
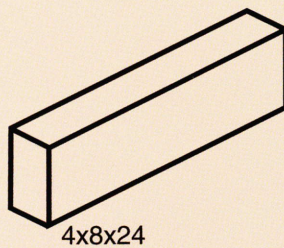
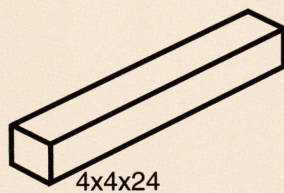
COST EFFICIENT - While possessing the attributes for high impact design, you and your client will be pleased at the low cost compared to other materials.

QUALITY ASSURED - Since 1926 Grand Blanc Cement Products has stood behind the products it produces. The Benchmark™ Series offers new opportunities to achieve visual impact, cost efficiency and long lasting durability.





Benchmark™ Series SHAPES AND SIZES



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

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.



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Benchmark Series Splitface 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 that is specified.

QUALITY ASSURANCE

Certifications: **Benchmark Series Splitface 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. Units shall meet or exceed requirements for ASTM C55-06e1. Benchmark Splitface Masonry Units shall be submitted for establishing an approved color and texture.

RELATED INFORMATION

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

Oversize Units: Benchmark Splitface Masonry Units are typically oversize units that meet or exceed specifications set forth and required by ASTM C90. See sizes and shapes for details or visit website at www.grandblanccement.com

PART 2 - PRODUCTS PRODUCT NAME

Benchmark Splitface 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

MANUFACTURER

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PART 3 - EXECUTION LAYING MASONRY WALLS

All Benchmark Splitface 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 splitface side of the block. Both horizontal and vertical joints should be 3/8" on the finished side of the wall. Joints should be neatly and uniformly tooled after they are finger-hard. Cut pieces should be sized and placed properly 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, etc. Use diamond or abrasive blades and make neat cuts to provide the best appearance. Avoid cuts that may alter or detract from the finished look of Splitface Masonry.

MORTAR BED & JOINTING

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

FINAL CLEANING

During the installation process, walls should be kept as clean as possible by using brushes, sponges, etc. Never allow excess mortar or smears to harden on the finished surfaces of block. Avoid using harsh cleaning methods that will result in damaged or marred surfaces. Clean finished walls with **Custom Masonry Cleaner** by PROSOCO. Manufacturer's instructions should be strictly followed for cleaning including a complete and thorough rinse. Permanent damage to the block could result if the exact instructions are not adhered to.

Note: Consult NCMA TEK NOTES regarding proper installation techniques for concrete masonry.



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