

# Split Fluted Block

*The Perfect Building Material*





## The popularity of split fluted block continues to grow.

Beauty, ruggedness and versatility are just a few reasons why the demand for split fluted block is so great. The lines created by these units add dimension, drama and height to building projects. Architects continue to rely on split fluted block in new construction and in the modification of existing structures.

These units are available in a variety of styles, sizes and colors. Split fluted block are used in an endless list of applications such as offices, schools, factories, high rise buildings and residences.

These are some of the most popular concrete masonry units used in the building industry. A wide variety of fluted units are available.







**Splitface Masonry Units**  
**Scored Splitface Masonry Units**  
**Fluted 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: **Splitface Masonry Units** shall comply with the recommendations of the National Concrete Masonry Association, and conform to ASTM C90, for hollow and solid load bearing units. Splitface Masonry 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 C55-96e1. Splitface Masonry Unit samples shall be submitted for establishing an approved color and texture.

**Scored** Splitface Masonry Units and **Fluted** Splitface Units shall comply with recommendations of the National Concrete Masonry Association and must conform to the same specifications and requirements as full Splitface Masonry Units. Samples of units shall be submitted for approval of color and texture.

**RELATED INFORMATION**

Fire Resistance: Hourly fire rating information, defined and required by NCMA TEK NOTES, available at [www.grandblancement.com](http://www.grandblancement.com).

**PART 2 - PRODUCTS**  
**PRODUCT NAME**

Splitface Masonry Units  
Scored Splitface Masonry Units  
Fluted Splitface Masonry Units  
(Four-Ribbed & Eight-Ribbed Fluted)

**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](http://www.grandblancement.com)

**PART 3 - EXECUTION**  
**LAYING MASONRY WALLS**

All 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, boxes 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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