



designer  
series block

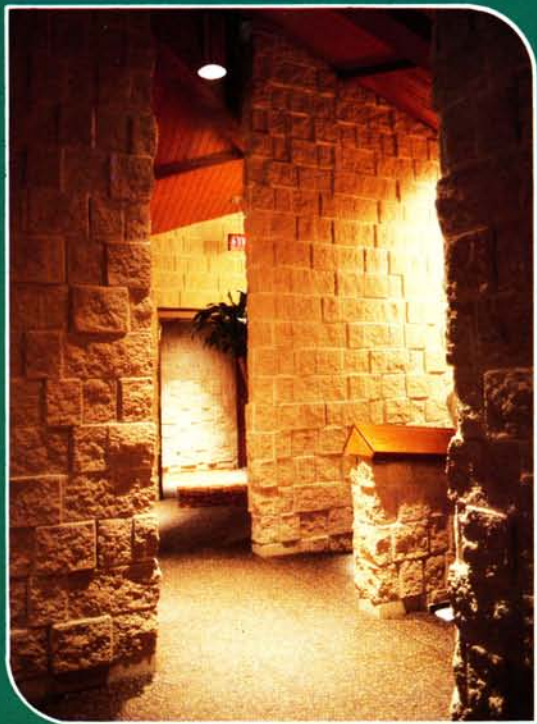
**the Natural...**



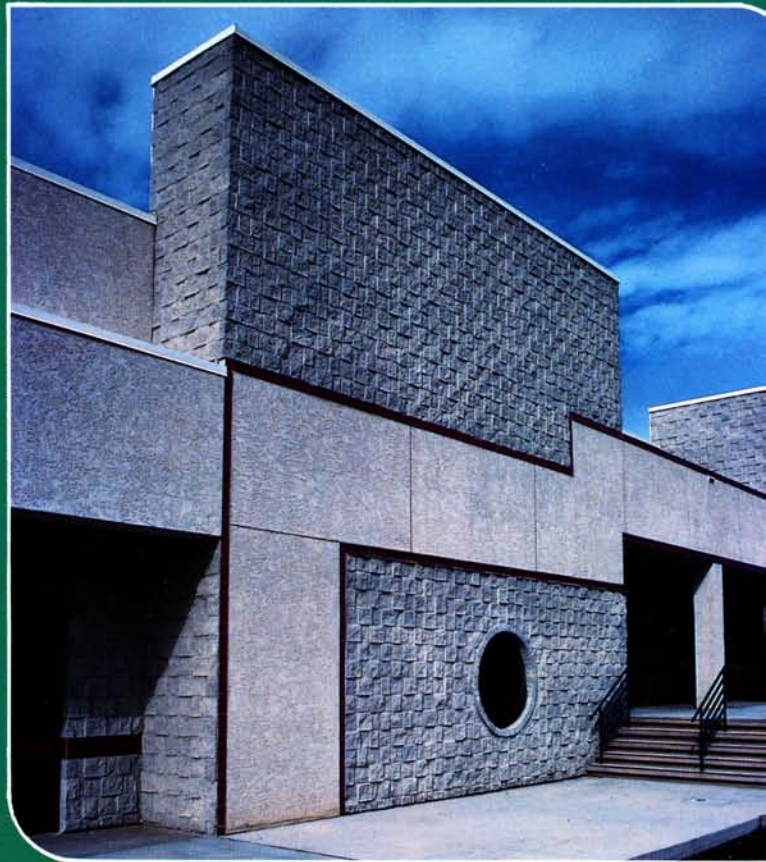
Fazio's Restaurant, Lake Geneva, Wisconsin  
Daniel Curran, Architect



# Selection!



## Castle Rock



Satellite Square Shopping Center, Colorado Springs, Colorado  
Bill D. Baker, Architect

**Designer Series Block** brings unique dimensions to architectural concrete masonry. The texture of **Designer Series Block** is created by a patented process of variable depth splitting. This process provides a third dimension not available in singular plane splitting. The multiple depths of **Designer Series Block** enhance the character of the building as a synthesis of shadow and sunlight enliven the face of the structure throughout the day.





Marshall House Apartments, Milwaukee, Wisconsin  
Sheperd Legar Aldrian Ltd.

## Shadow Stone



Aeration Industries, Chaska, Minnesota  
A. Peter Hilger, Architect



Comfort Inn, Jamestown, New York  
SDS Design Systems



MR: **Designer Series Block** are manufactured and sold through an extensive network of Concrete Block Manufacturers throughout the United States and Canada. These manufacturers are licensed by Designer Blocks, Inc. who provides the equipment and owns the patent rights to these products. This network provides prompt service, competitive costs, and an appreciation of local needs and desires.

PP: Two new faces comprise the Designer Series. They are **Shadow Stone**® which divides the 8" x 16" surface into three unequal sections that are split on different planes creating 6 separate shapes in each pair of block and **Castle Rock** which divides the 8" x 16" surface into two unequal sections that are split on different planes creating 4 separate shapes in each pair of block.

UA: APPLICATIONS: **Designer Series Block** may be installed wherever concrete masonry units are used. They are load-bearing, fire-resistant, noise reducing and durable. They are well suited for exterior and interior walls. **Designer Series Block** have been used on the following types of buildings: commercial, offices, industrial, churches, schools, apartments, motels, municipal, restaurants and residences.

AI: INSTALLATION: **Shadow Stone**® and **Castle Rock** cmu's shall be laid in running bond (half-bond) pattern. Units shall be selected randomly from block cubes so as not to create a defined pattern. The backside of the wall shall be kept smooth and plumb. All mortar joints shall be tooled and/or compressed. Care should be taken at control joints and jambs to maintain an irregular pattern. Quarter, half and three-quarter pieces will be allowed when needed.

MF: MATERIALS: **Shadow Stone**® and **Castle Rock** cmu's shall be made in normal weight aggregates complying with ASTM C-33 or where appropriate in lightweight aggregates complying with ASTM C-331.

COLOR: Where required, provide integral color to be mixed with cement and aggregates to match the color selection provided by the local licensee. A wide range of colors are usually available.

TS: TECHNICAL DATA: **Shadow Stone**® and **Castle Rock** concrete masonry units shall be manufactured in nominal face dimensions 16" long x 8" high in standard thicknesses (4", 8", 12", etc.). Special shapes shall be provided as required for corners, jambs, control joints, and lintels.

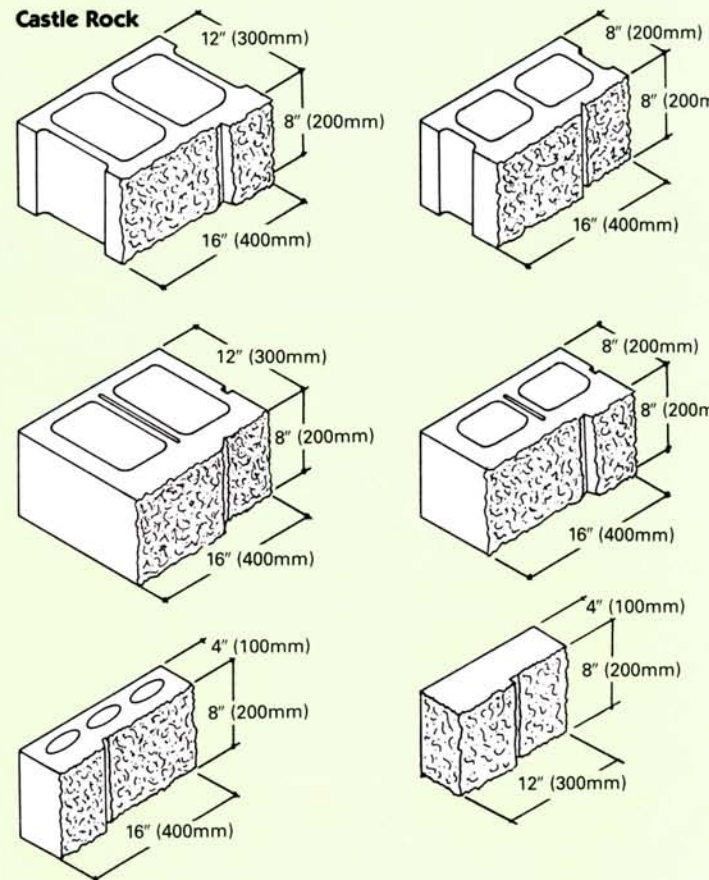
CC: PERFORMANCE: **Shadow Stone**® and **Castle Rock** cmu's shall be manufactured to comply with ASTM designation C-90 grade N.

AC: AVAILABILITY: **Designer Series Blocks** are available through an extensive network of concrete block manufacturers.

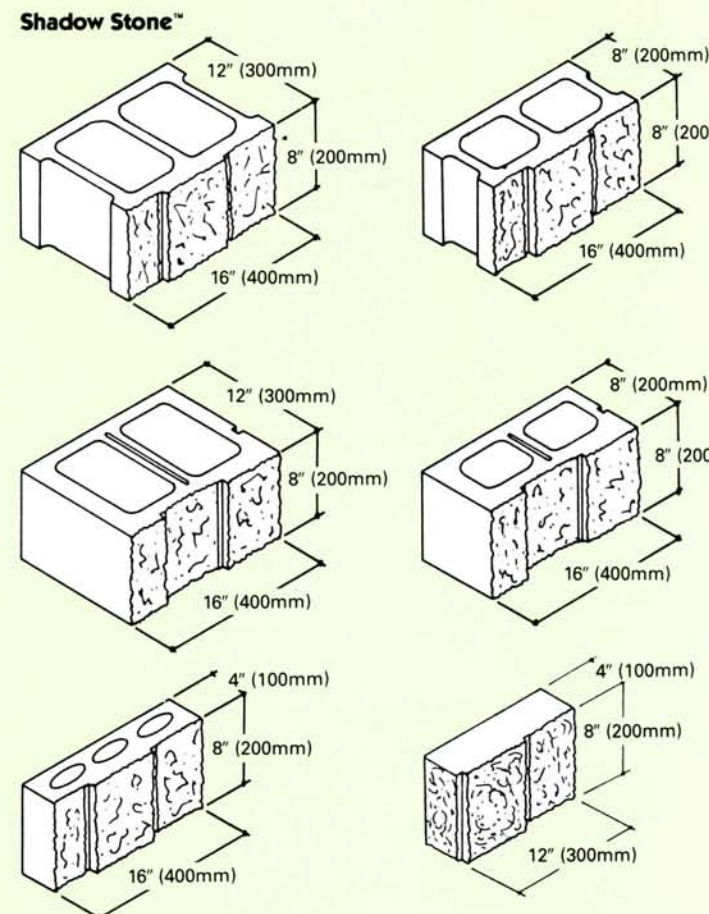
- Rugged, rough-hewn, textural beauty
- Won't fade or absorb moisture
- Highly durable and weather-resistant
- Virtually indestructible and maintenance-free
- Back-up surface and face in one unit
- Lower installation cost than brick
- Custom colors available
- Mortar color can be matched



**Castle Rock**



**Shadow Stone™**



**CALL SWEET'S BUYLINE FOR YOUR NEAREST SOURCE!**

**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.



**Grand Blanc**  
**CEMENT PRODUCTS**  
10709 S. Center Rd.  
Grand Blanc, MI 48439  
Ph: 800-875-7500 Fax: 810-694-2995  
[www.grandblancement.com](http://www.grandblancement.com)

