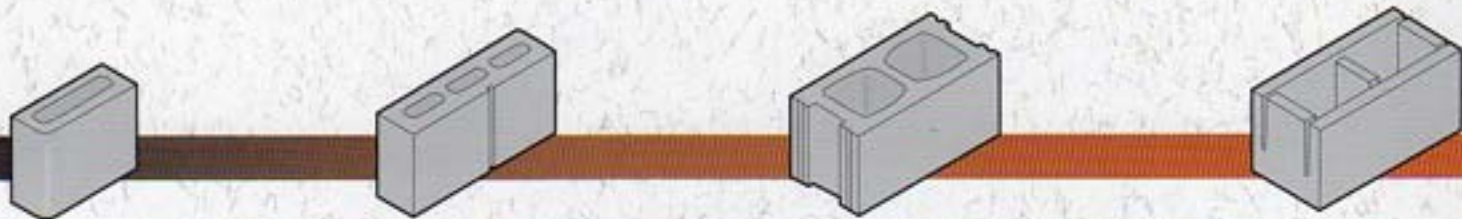




**Snyder Concrete Products, Inc.**  
Suppliers of Concrete Block and Face Brick



Where quality makes the difference.



### Brick

Brick is man's oldest manufactured building product. Snyder Concrete Products, Inc. has the Miami Valley's largest selection of quality face brick. Snyder Concrete Products, Inc. represents over 25 different brick manufacturers. Visit our showroom to see a variety of sizes and custom shapes that are readily available to meet your most demanding needs.



### Mortar

The right mortar can dramatically improve the appearance of your choice of brick. The right combination of mortar to brick is a key element to the continuity of a brick's color scheme. Mortar must be strong, durable, capable of keeping the wall intact, and it must create a water-resistant barrier. At Snyder Concrete Products, Inc. we carry a wide variety of the finest available mortar product in every conceivable color. Contact one of our sales associates to see our full line of mortar choices.

### Block

Snyder Concrete Products, Inc. first produced concrete block in 1949. Since then we have expanded and grown into three state-of-the-art manufacturing facilities with a total output of over ten million blocks per year. With this capacity we have specialized in the production of cinder, lightweight and concrete block in a wide variety of sizes, shapes and colors.



### Architectural Stone

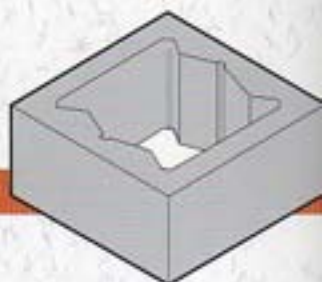
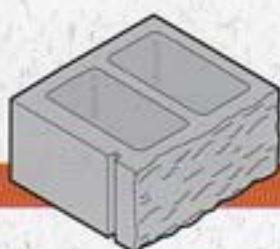
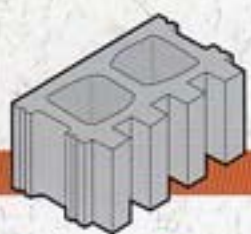
When you are looking for architectural stone, we've got it all from commercial to residential, to everything for the do-it-yourselfer. Be sure to check out our Dutch Quality and Capital City architectural stone. You'll be amazed at the appearance of real stone that's easy to install. If you're looking for a traditional system, then you'll want to check out the Ariscraft Stone with high quality and best durability and always guaranteed. From Old Mill building stone, Citidel building stone to stone accents, all from Ariscraft and Snyder Concrete Products, Inc.

### Retaining Wall

If your next project is a retaining wall, we carry everything you need to make your job easier and look great. Cottage Stone and Classic Rockwood Retaining Walls add that special look you're after. You'll like the easy installation and great colors like natural grey, buff, charcoal and red. And, they are available in 4, 6 and 8 inch height dimensions. When it comes to retaining walls it's Snyder Concrete Products, Inc.



## Quality products and highly qualified personnel.

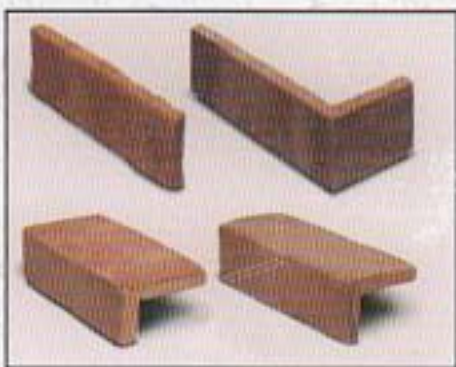


### Natural Stone

When you want that special look that only natural stone can offer, think Snyder Concrete Products, Inc. We offer the finest building stone and landscape stone in the widest selection available. At our showroom you'll see a wide array of natural stone products. Webb wall, split veneer, precut landscape stone are just a few styles available at Snyder Concrete Products, Inc.

### Glass Block

For timeless beauty with privacy, controlled natural light, security and energy savings, glass block wins out over ordinary windows hands down. And, don't forget the showers and bathrooms. Whatever your building or remodeling plans are, have your thoughts included glass block from Snyder Concrete Products, Inc. Choose from standard to custom sizes in many patterns. And, with the guidance of our sales associates, installation is easier than ever before.



### Paving Brick

Snyder paving brick can replace blandness with beauty. They bring patterns, color and texture to driveways, walkways, patios and pool decks. This makes exterior areas more enjoyable to use and creates an attractive setting for your home or business. Contact your Snyder Concrete Products, Inc. sales associate to see our full line of paving brick.



### Thin Brick

Capture the warmth and value of brick with Glen-Gery and Robinson easy to install thin brick. Get the quality and uniformity while meeting the same high standards of full sized face brick. From interior to exterior walls to fireplaces and brick planters, residential and commercial. You'll like the durability and richness of genuine thin brick from Snyder Concrete Products, Inc.

# Typical Brick Flashing Details

## Mortar Joint Profiles

The tooling and profile of a mortar joint has a significant effect on the ability of the masonry to resist moisture penetration. Different joint profiles are shown here.

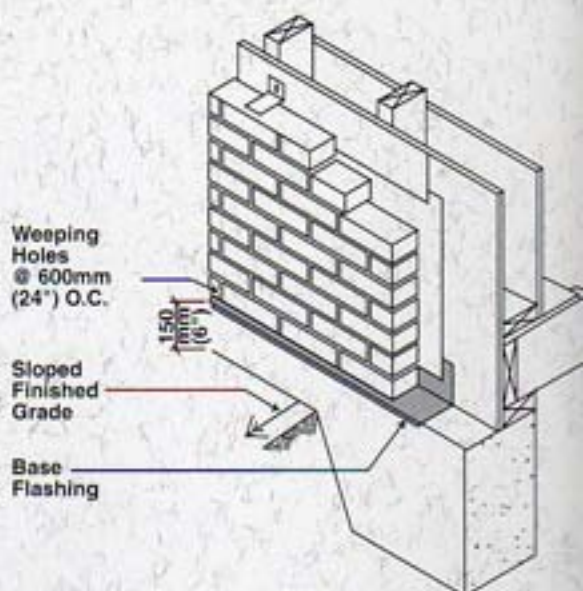
Raked joints are popular, because they accentuate the aesthetics of the brick. However they are not recommended for exterior masonry work in the northern climate. Raked joints provide a ledge for moisture ingress and retention.

MORTAR JOINT PROFILE	MORTAR RAIN RESISTANCE
Concave*	= Good
V-Shape	= Fair
Weathered	= Fair
Flush	= Poor
Struck	= Very Poor
Raked	= Very Poor

\* Preferred Profile

Concave tooled joints are recommended for all exterior masonry. Joints should be tooled when the mortar is thumbprint hard. The jointing tool should be larger than the joint width, i.e., use a 12mm diameter tool for a 10mm joint width. The tooling process smooths and compresses the joint to promote superior water repellency.

## Brick at Grade Flashing and Weepholes



**NOTE:**  
The above flashing detail also applies to brick work above openings, such as windows and doors.

## “Rule of Thumb Figures”

### BLOCK

- 2-1/4 Bags Richmortar per 100 Block (40 Block per Bag)
- 800 lb. of Sand per 100 Block
- 1.125 Block per sq. ft. of Wall Area
- 75% of Length of Wall Gives Number of Block per Course
- Take Height of Wall (in feet) Time 1.5 for Number of Courses

### BRICK

- Approx. 7 Bags of Richmortar per 1000 Brick (143 Brick per Bag)
- Approx. 1 ton Sand per 1000 Brick
- Figure Brick 7 per sq. ft. of Wall Area (Allows for Waste)
- 1-1/2 Brick per Running Foot on Wall
- 4.625 Courses of Brick per Foot of Wall Height
- 5 Brick per sq. ft. for Paving, Hearths (Laid Flat-Solid Brick)

### CEMENT PLASTER

- 1/4" Thick (100 sq. ft.) 220 lbs. Sand, .8 Bag Richmortar
- 3/8" Thick (100 sq. ft.) 330 lbs. Sand, 1.2 Bag Richmortar
- 1/2" Thick (100 sq. ft.) 440 lbs. Sand, 1.6 Bag Richmortar

### CONCRETE

- 3-1/2 - 2-1/2 - 1 Mix—2000 lbs. Gravel, 1250 lbs. Sand, 6 Bags Cement

### FIRE CLAY

- 2 Parts Fire Clay, 3 Parts Cement

### FILLING BLOCK

- Cores with Concrete:
- 12" Block - 1.64 cu. yd. per 100 Block (Approx.)
- 8" Block - .93 cu. yd. per 100 Block (Approx.)

### MORTAR

- Mix 1 Part Richmortar to 2-1/4 to 3 Parts Sand

### SAND-GRAVEL

- Approx. 2000 lb. per Cu. Yd. (No. Yards Times 1.5 for Tons)
- Approx. 110 lb. per Cu. Ft. (27 Cu. Ft. in Cu. Yd.)

### WALL TIES

- 1 per Every 10 Brick (100 Wall Ties per 1000 Brick)

### WHITE SAND

- Plaster and Stucco— No. 1 or 2
- Sandblasting— No. 1, 2, 3 or 4
- (No. 1 for Finer Jobs, the Higher the Number, the Coarser the Sand)

### ZONOLITE

- 4 Cu. Ft. Bag Fills Approx. 9 - 12" Block or 16 - 8" Block

# Snyder Concrete Products, Inc.

Quality Products and Highly qualified personnel

## Snyder Concrete Products — Where quality makes the difference

At Snyder Concrete Products, Inc. we work hard to satisfy your needs and we've been doing it for over fifty years. We are a manufacturer of concrete block and a distributor of quality building products. Founded in 1949 by Milton G. Snyder, Snyder Concrete Products, Inc. was originally designed to serve the greater Miami Valley area and now encompasses all of southern Ohio. Since its founding the company has grown to include three manufacturing facilities with five retail stores.

Over the years Snyder Concrete Products, Inc. has remained family owned and operated for over four generations and is currently the only block manufacturing facility remaining in the city of Dayton. Our product line has expanded greatly since we first opened our doors. We no longer are limited only to concrete block but handle such items as brick, masonry tools, fireplace materials, concrete reinforcing steel, epoxy, construction chemicals, mortar, cement, wire mesh, polyethylene film, expansion joint, rigid insulation, patio block and retaining wall systems.

Snyder Concrete Products, Inc. is a company based on the highest standards of quality and committed to delivering the best possible service. As we grow and expand to stay on top of an ever changing market we will always stay with the tradition that this company was built on.

## Snyder Concrete Products — Total Solutions Approach

- Five convenient locations. Troy, Monroe and three locations in Dayton.
- Our well trained employee team is empowered to provide excellence in products, delivery, and support services.
- With over 30 well maintained, state-of-the-art delivery vehicles, we are Dayton's leading distributor of face brick and concrete block.
- Locally owned and operated and serving residential and commercial needs for over fifty years.

## Snyder Concrete Products — Complete Supplies Source

Besides being Dayton's leading distributor of face brick and concrete block, we also handle some of these supplies and related items:

- |                       |                 |                |
|-----------------------|-----------------|----------------|
| • Cement              | • Fire Clay     | • Color Mortar |
| • Tools               | • Patio Brick   | • Rebar        |
| • Masonry Paint       | • Road Mesh     | • Angle Iron   |
| • Sand (Bag or Load)  | • Quickcrete    | • Durawire     |
| • Fireplace Material  | • Chimney Caps  | • Brick Chips  |
| • Rebar               | • Splash Block  | • Flashing     |
| • Interlocking Bricks | • Antique Brick | • Sealers      |



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Monroe, Ohio 45050  
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