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Scott System Rim Snap Application Guide

For use by contractors as an application guide to install thin brick using Rim Snaps.

Revised June 27, 2023

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Section 1: General Information

The Rim Snap method is a simple and economical way to achieve a real brick facade in vertically cast concrete. Climbing, columns, and residential foundation forms work seamlessly with the Rim Snap system as the product attaches to vertical forms. Rim Snap features a rubber gasket border with a suction-like grip to hold thin brick securely into forming system and can be reused.

Section 2: Planning and Design

BRICK SIZES AND SHAPES

Rim Snap are available in Standard and Standard Half brick sizes. Standard and Standard Halves each lay out in an 8" module (within +/- 1/64" Snap tolerance) as shown. To make the Rim Snap easier to install, we suggest keeping panel dimensions and openings for windows and doors in accordance with these modules.

	Rim Snap Outer Dimensions	Rim Snap Inner Dimensions	Actual Brick Dimensions (without the Snap)
Standard	2.66" x 8"	2-1/4" x 7-5/8"	2-1/4" x 7-5/8"
Standard Half	2.66" x 4"	2-1/4" x 3-5/8"	2-1/4" x 3-5/8"

Bricks must be within tolerance of + 0 / -1/16".

End to End, three (3) Rim Snaps are 24". Stacked, nine (9) Rim Snaps are 24".

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DESIGN DETAILS

Architectural plans should include panel drawings with brick coursing correctly dimensioned. A tooled mortar joint is standard with Rim Snaps.

Running Bond

Half Bond

Flemish Bond

Basket Weave

Quarter Bond

Stacked Bond

Row Low Coursing

Soldier Coursing

ESTIMATING

Estimate the total square footage of brick on your project. Remember to exclude window and door openings and other areas that will not require brick. Use the brick sizes and pieces per square foot in the chart below to determine your Rim Snap quantity. We recommend a 5 to 7 percent allowance on flats and 10 to 15 percent allowance for corners and edge caps for breakage and cuts on most jobs.

The Rim Snap® is reusable; three or more uses is not unusual for this product.

Size	Brick Dimensions	Pieces per Square Foot	Module
Standard	2-1⁄4" x 7-5⁄8"	6.75	8 inches = 3 brick tall with 3 mortar joints 8 inches = 1 brick wide with 1 mortar joint
Standard Half	2-1⁄4" x 3-5⁄8"	13.5	

Based on our experience with various projects around the country, Scott System can provide a time estimate on the installation of the Rim Snap, as well as pricing for the Rim Snap product and delivery. Because costs fluctuate based on raw material, labor rates and market condition, please call us for current pricing and installation figures.

Due to natural characteristics of the raw materials used in the production process of thin brick, brick may vary in size and shade from carton to carton and shipment to shipment. During the installation process, workers should select brick from multiple pallets and cartons to achieve a random blend. Additionally, brick should be ordered in quantities sufficient to complete the installation so that all the brick can be produced at the same time for the same run. Brick supplied for a particular installation may vary in color tone and texture from samples.

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Section 3: Installation

A. Storage

We recommend keeping the bricks covered before use. The thin wax coating on the face of the brick is temperature sensitive to 160°F for cleaning purposes.

B. Assembly In The Form

Rim Snaps tab together and are staples on a vertical surface to create a template to hold the brick. Make sure Snaps are all locked together, otherwise the gap created by the tabs pushing against each other will create a place for leakage. When assembling, a guide (chalk line, laser, etc.) can be used every two or three feet to ensure level coursing. It may be difficult to align an entire panel of brick, so using guidelines makes it easier to stay on course and ensures a panel-to-panel match of coursing runs.

Thin brick is pressed into the pockets of the Rim Snap, with the face side / finished side in the Rim Snap. Brick sizing is very important. The outside dimension of the individual thin brick must be within tolerance (+ 0 /- 1/16"). The brick layout should be checked just prior to pouring concrete to make sure all bricks are flat. Shining a high-level intensity flashlight along the surface of the brick at the same plane will show floaters before the pour.

Concrete needs to blocked out to allow ties to come through the walls. To help prepare for a finished look, foam block outs are used to allow ties to come through the panels while serving as a space-saver for a thin brick inset. To do this, cut holes in the foam block outs and feed the tie through while pressing the foam block out into the Rim Snap. Foam block outs will later be replaced.

C. SPECIAL CONSIDERATIONS FOR RETURNS AND CORNERS

Returns and columns are accommodated by preassembling the Rim Snap forms and inserting 90° corner brick to achieve a finished corner application.

The smooth concrete corner is accomplished by holding the brick back from the corner in the form. The result is a smooth concrete corner.
Corners can be created by cutting the Rim Snap. The opening in the corner is covered by the brick itself when complete. Using a standard corner brick as your guide, cut the Rim Snap to fit the long leg of the corner brick and cut another Rim Snap to fit the short leg of the corner brick. Staple the corner pieces in place to create a corner axis.

D. POURING THE CONCRETE

The concrete is poured between the forms and vibrated as required.

Normal vibration should be used; however, external vibration may cause loosening of bricks when the concrete wythe is two inches or less, as is the case when pouring an insulated wall. If using self-compacting concrete, make sure to check the mockup for excessive leakage. Self-compacting concrete is an excellent alternative to traditional concrete and may eliminate the need for vibration in many cases.

E. STRIPPING THE SNAPS AND CLEANING THE PANEL

Forms are removed and the finished wall is power washed. High pressure (2,500 - 3,000+ psi) hot water (160°F) will remove any concrete leakage and the protective wax coating on the face of the brick.

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Foam block outs are then removed where the ties came through the wall and a thin brick is glued in place using an epoxy mortar application.

Areas of small concrete leakage around mortar joints can be removed with a putty knife; however, a certain amount of this may be desirable for aesthetic effect.

For reuse, the Rim Snap assembly should be gently cleaned to remove any material build up. Once forms are stripped, the still-attached Rim Snaps may be reused up to three (3) times. Assemblies may be disposed of after use.

Section 4: Shipping and Storage

SHIPPING: Although careful measures are taken at the factory to protect your shipment, occasionally freight arrives in poor condition. You have the option to refuse shipment if it is damaged. Contact supplier immediately. If your shipment is damaged upon arrival at the job site, please make a note of it on the driver's delivery ticket. Your note must include the nature of the damage, which parts have been damaged, date and time of delivery, contact information, and photographs of the damage. Scott System does not ship torn or damaged goods. Claims need to be made immediately.

STORING: We recommend protecting Rim Snaps and bricks from the elements. Rim Snaps should be stored on pallets out of direct sunlight.

Thank you for your purchase of Scott System Formliners.

Please call us at 518-383-0500 for any assistance with our products.