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[www.stonetile.com](http://www.stonetile.com)



**Architectural Exteriors...**  
**Timeless Elegance**





## WHAT IS STONETILE?

Stonetile is an exterior wall product consisting of beautiful manufactured tiles and moldings with the authentic look of handcrafted stone.

Stonetile is a designer's dream. With a range of styles inspired by different architectural periods, the design possibilities are virtually endless. Stonetile has been an integral part of more than 6,000 projects, achieving architectural looks from classic and medieval to modern and contemporary.

Stonetile is an engineer's dream. All Stonetile products are made of high-density concrete poured into molds. Each individual piece is mechanically fastened onto a building's exterior wall, so each unit carries its own weight. There's no stacking effect, and no need for expansion joints.

Stonetile integrates a rain-screen system. The back of each tile or molding unit is securely embedded with galvanized hangers, designed to create a 10-millimetre air space between the product and the substrate. This allows moisture to escape, protecting the supporting wall from water damage.

**Mortar-free installation.** Stonetile application is mechanical, meaning the product can be installed year-round regardless of weather conditions. An approved polyurethane or silicone caulking with a special type of sand is applied between the products, creating the appearance of a mortar joint.

A patented product, Stonetile has received approval from the federal government's Canadian Construction Materials Centre (CCMC).

Stonetile manufactures, designs and installs its products, and now also sells them on a supply-only basis.



**Timeless Elegance**





## STONETILE FEATURES

## ARE YOUR BENEFITS

- Rainscreen System . . . .** .No trapped moisture in your walls; liquid water will drain out; vapor and condensation will dry out; no mould and mildew or rotting of walls.
- The Finest Materials . . . .** .The production raw materials are the purest in the industry (pure clean crushed stone) The result is a contaminant free concrete of the highest density and the lowest in water absorption.
- Flexible Joints . . . . .** .No cracking due to thermal expansion or shrinking. Damages from settlement and earthquakes are practically eliminated.
- Endless Designs . . . . .** .You and your designer have an array of different tiles and mouldings to choose from to create your dream home.
- Mechanically Fastened . .** .You can be assured that a Stonetile exterior will remain perfectly in place.
- Mortar Free . . . . .** .This allows year round installation without the need for hording
- No Added Supports . . . .** .You will save the cost of steel or concrete supports which are normally needed for brick or natural stone installations.
- Easy Tile Replacement . .** .When an accident happens single tiles can simply be replaced without replacing entire wall sections as is usually the case with other exterior materials.
- Fade Resistant . . . . .** .Our tiles and mouldings are coloured throughout with highly fade resistant pigments.
- Self Cleaning . . . . .** .Stonetile does not get electrically charged from expansion and contraction. No dirt entrapment because of its smooth surface. No annual cleaning needed.
- Fire/Hail Resistant . . . .** .You should not experience damage from a barbecue that was placed too close to the house wall and you will not have broken siding after a hail storm.
- UV Resistant . . . . .** .Stonetile is highly resistant to UV, and it will remain in its original state for decades to come. Paint, vinyl, wood and plastics on the other hand are effected by UV.
- Quirk Corner . . . . .** .Stonetile does not make "L" shaped corner pieces but each outside corner features a flexible grout joint, thus preventing cracking of these corners.
- CCMC Approval . . . . .** .Only proven, good quality building materials receive an approval by the Canadian Construction Material Center. Much testing was needed. CCMC # is 12886-R
- High Resale Value . . . . .** .Your home will look spectacular with a well designed Stonetile exterior and if you ever need to move the new purchaser will enjoy these benefits too.





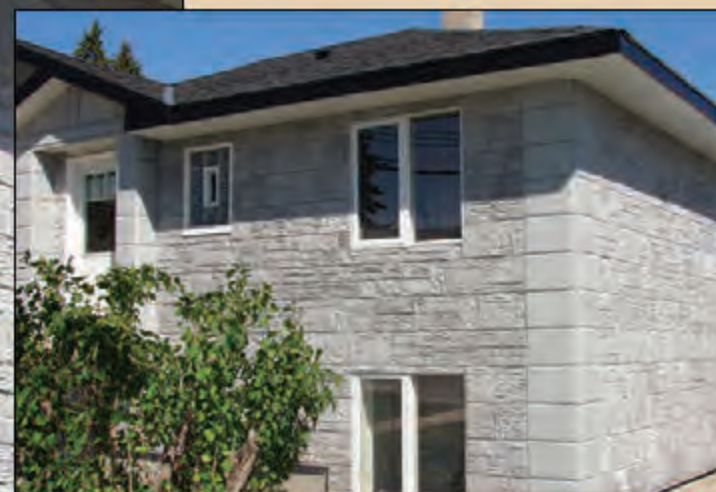
## SLATE TILE

The Stonetile Slate Tile features a subtle fractured slate texture that brings warmth and charm to any project. This tile can be used for all applications but is most effective as a 12"x18" wall tile.



## CABO STONE

Enrich your project with Cabo Stone. This product consists of 4 sizes 12"x6", 12"x12", 12"x18" and 12"x24", this very random, fresh new pattern is the result. Use this beautiful tile as a feature wall or as a full wrap on all 4 walls. As with all of the Stonetile products Cabo Stone has the Rainscreen technology built right in.



## HERITAGE TILE

The Stonetile Heritage Tile has a rich, earthy appearance, resembling that of natural quarried stone. This tile is very versatile as the 6", 12", 18" and 24" are used to create a unique random pattern. Heritage Tile gives pillars and corner quoins exceptional depth and texture. Use it in combination with slate or rustic tile, or grace all four walls with this beautiful product.



## BEVEL TILE

The Stonetile Bevel Tile adds a smooth lifted look to corners and pillars. The edges of the tiles are angled to create the beveled look. When used as a wall tile Bevel Tile creates a bold contemporary look.

The edge treatment is reminiscent of the cuts in fine crystal but more so, the meticulous work of a highly skilled mason.



Before



After

## RUSTIC TILE

The Stonetile Rustic Tile has a distinct character whose classic pattern has been seen throughout history. This tailored stone with its uniquely cut edge, adds class and sophistication to an exterior. The Rustic Tile is recommended whenever horizontal emphasis is desired for a building. When combined with vermiculated arches, Rustic Tile adds a classic and dramatic element of creative expression.



Before



After

## GRANITE TILE

The Stonetile Granite Tile has a highly contemporary appearance. It is recommended for commercial applications or homes that are in true modern or contemporary style. The Granite Tile is only available in 18" x 18" tile sizes and should be used in a stacked formation.



Before



After

## CONTEMPORARY TILE

Do you love simplistic elegance? Here is the exterior product for you. This tile is produced in either 12"x18" or 12"x36". We recommend this product for commercial buildings or homes that are of true modern or contemporary style.



Before



After



## PILLARS AND QUOINS

There are a variety of ways to dress up a pillar with tiles and/or mouldings. The most cost effective way to finish pillars is to use the Stonetile product line. If you are trying to design a breathtaking impact with your pillars, the Stonetile moulding line can create a unrivaled look.

By accenting corners with tile and/or mouldings you can achieve a solid, stately appearance for your home or commercial projects. There are several different quoining applications that can be used to compliment your design. Quoining can be created with most tiles and can be applied in a stacked, alternating or staggered pattern. Mouldings such as gothic and fluted are also beautiful choices for quoin applications.



**Bevel 12"/15" Quoin**



**12" Flute Quoin**



**18" Gothic Quoin**



**Heritage Quoin**



**Rustic Quoin (24")**



**18" Bevel Pillar**



**Slate Quoin**



**Heritage Pillar (24"x24")**



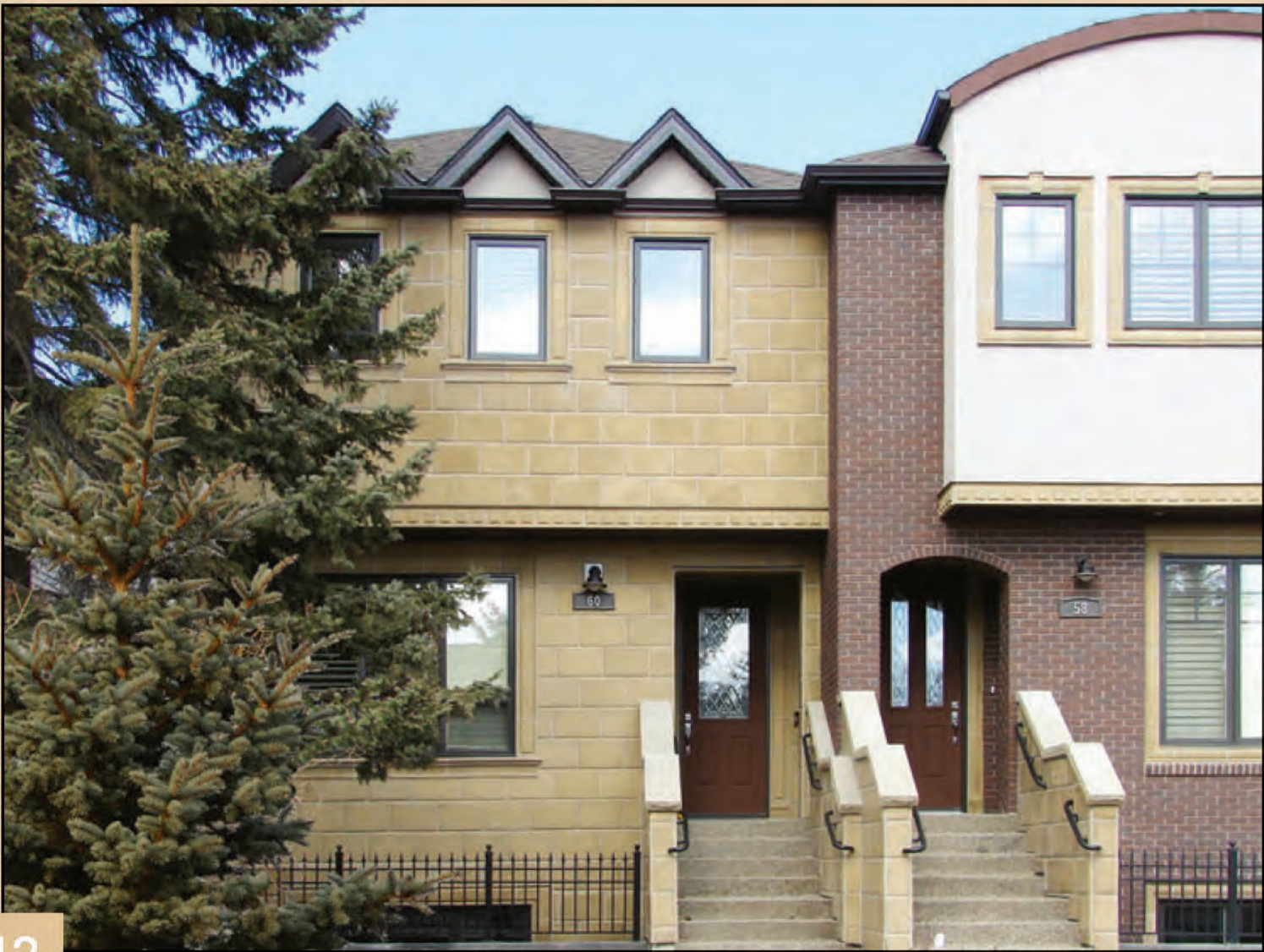
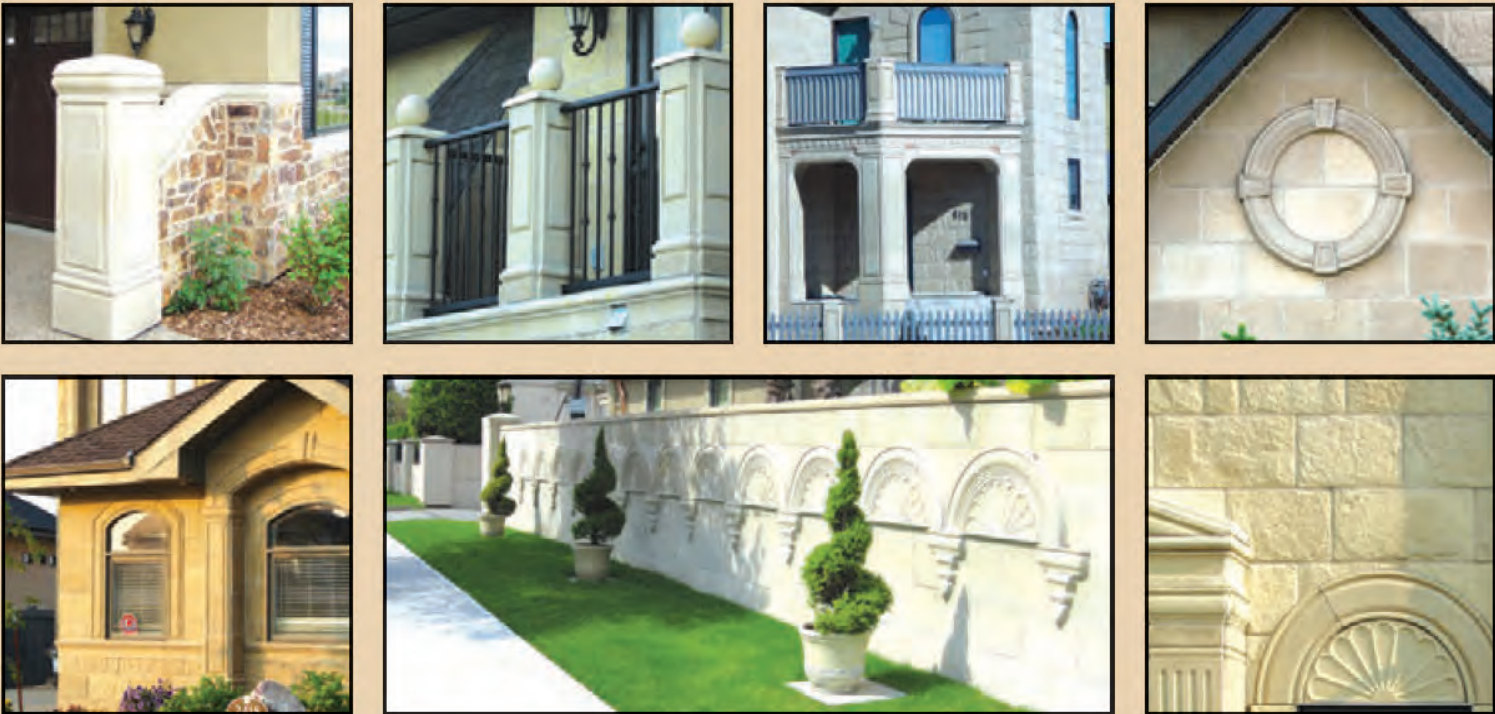
**18" Gothic Pillar**





Mouldings and Accessories

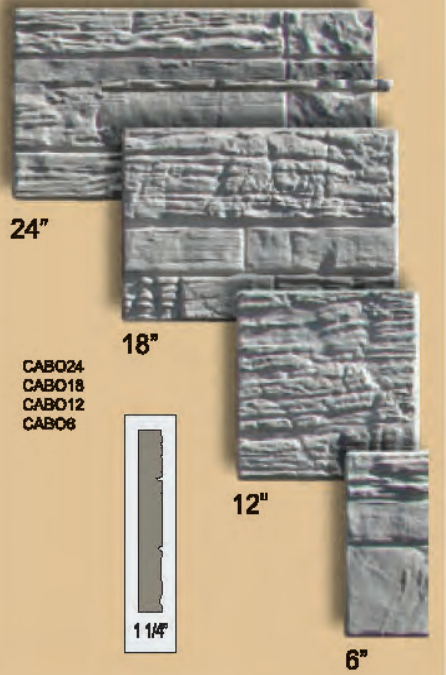
Whether it's keystones above your windows, baroque circles around louvers or a cameo with your address number engraved, the little touches can really add to the uniqueness and architectural expression of your project.



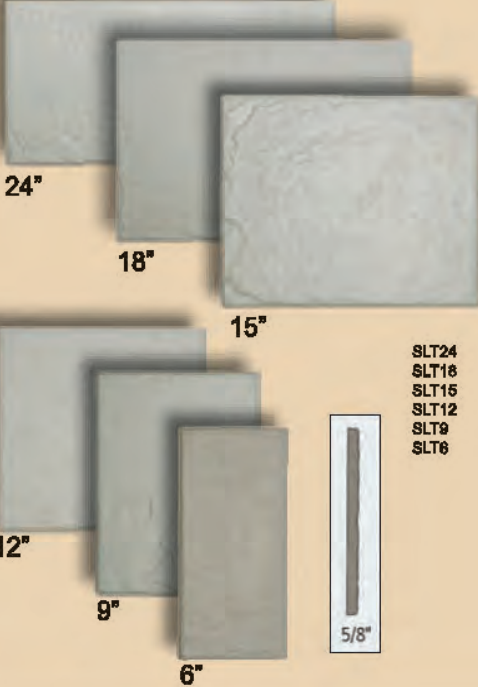
HERITAGE TILE



CABO TILE



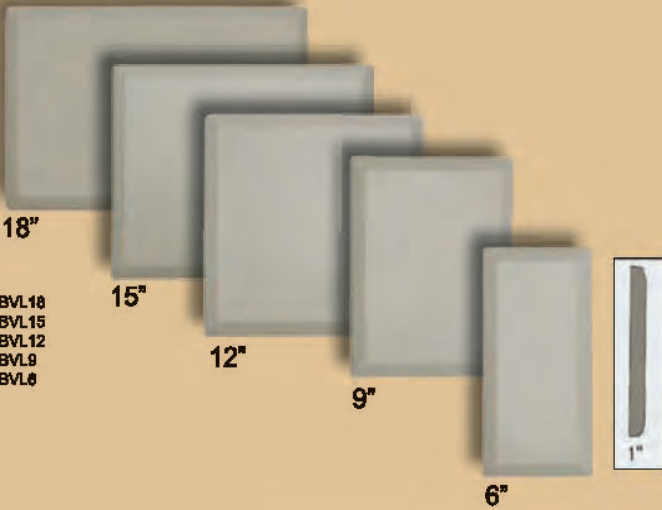
SLATE TILE



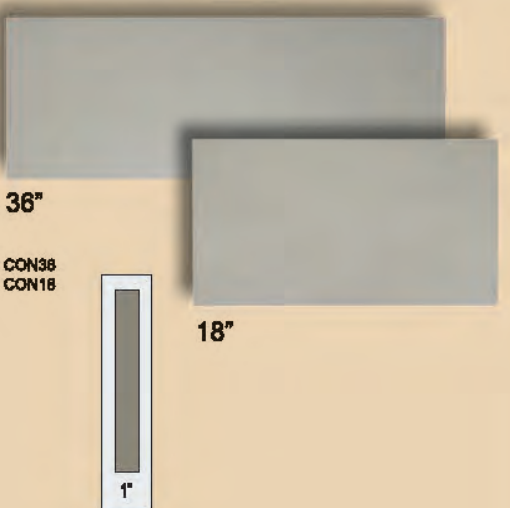
RUSTIC TILE



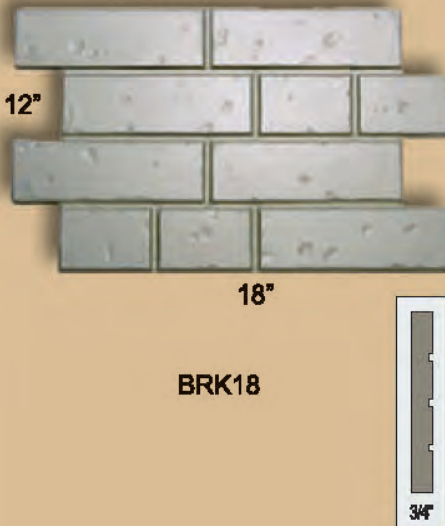
BEVEL TILE



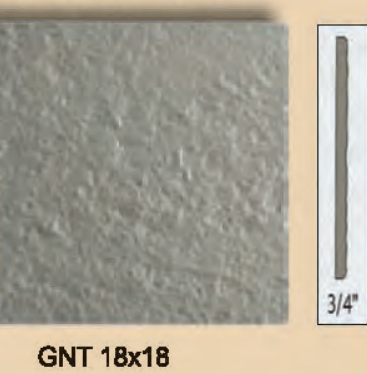
CONTEMPORARY TILE



BRICK TILE

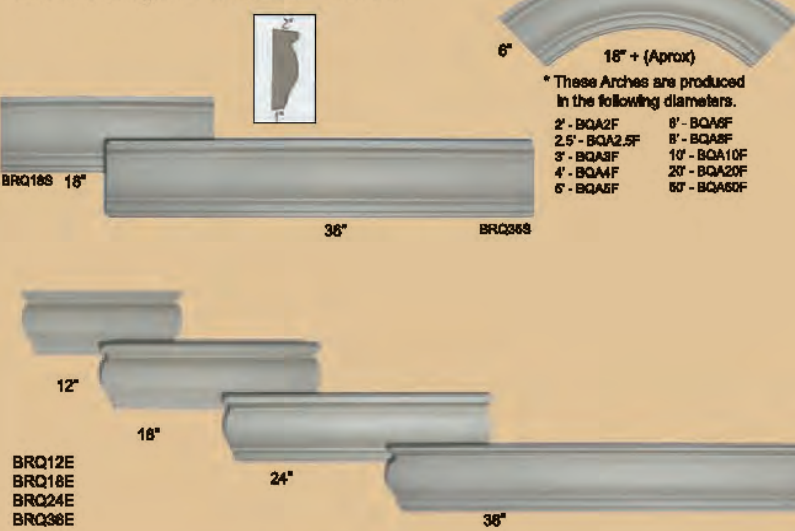


GRANITE TILE





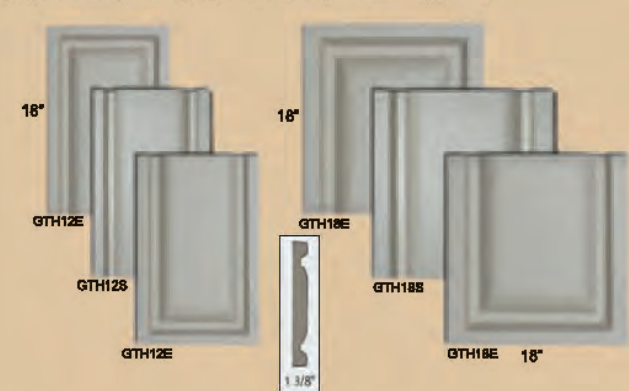
## BAROQUE MOULDING



## PLINTH MOULDING



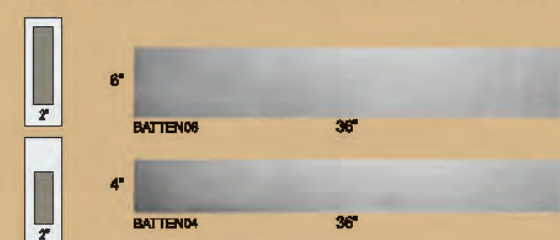
## GOTHIC MOULDING 12" & 18"



## GOTHIC SHELL BASES



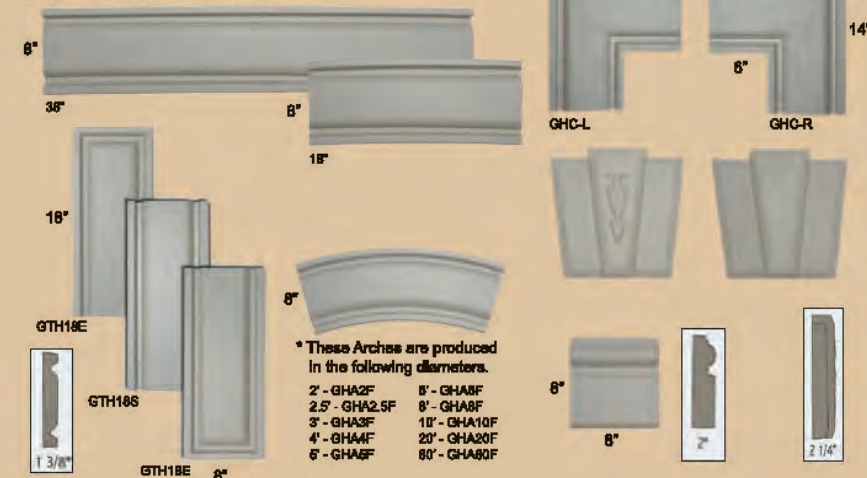
## CONTEMPORARY MOLDINGS



## GOTHIC & HERITAGE SILLS



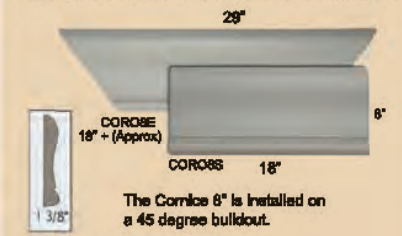
## GOTHIC MOULDING



## CORNICE 12"



## CORNICE MOULDING

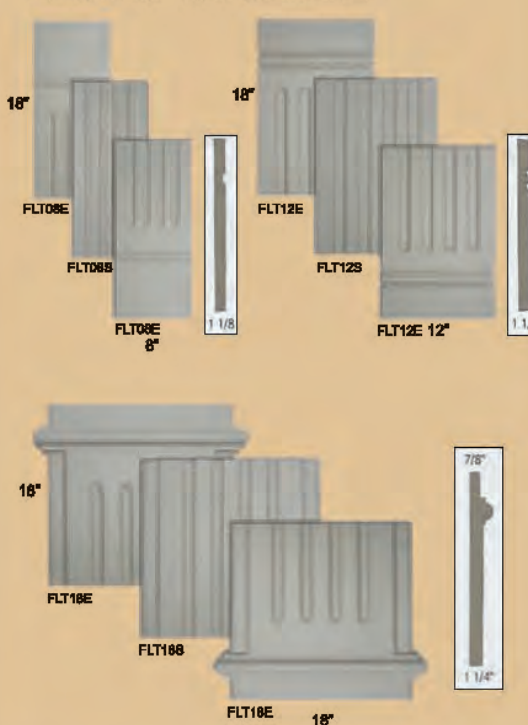


## SPEAR

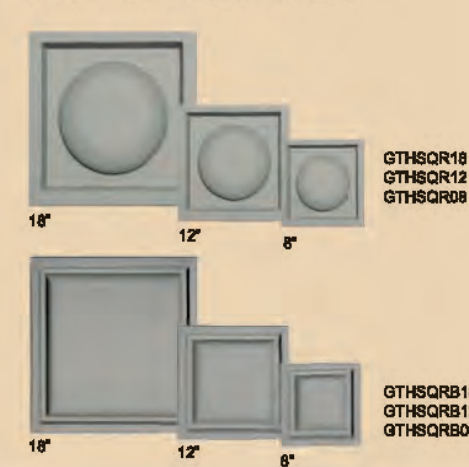


## ACCESSORIES

### FLUTED MOULDING



### GOTHIC SQUARES



### DENTIL MOULDING



### CAMEO



## VERMICULATED ARCHES



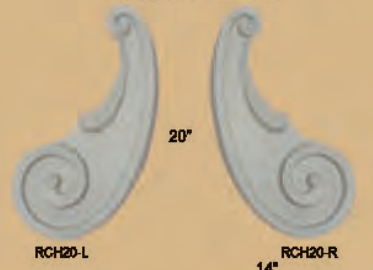
## SHELL



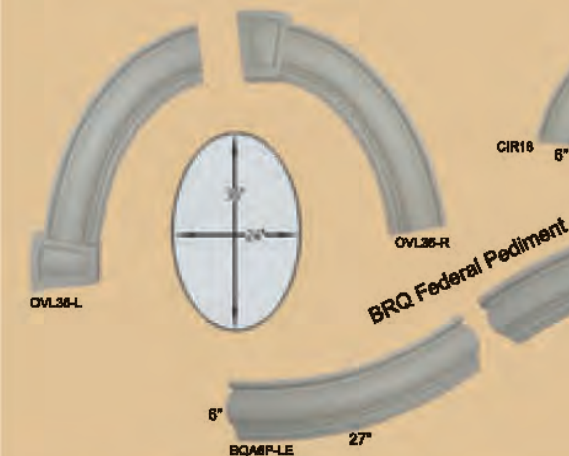
## IONIC CAPITAL



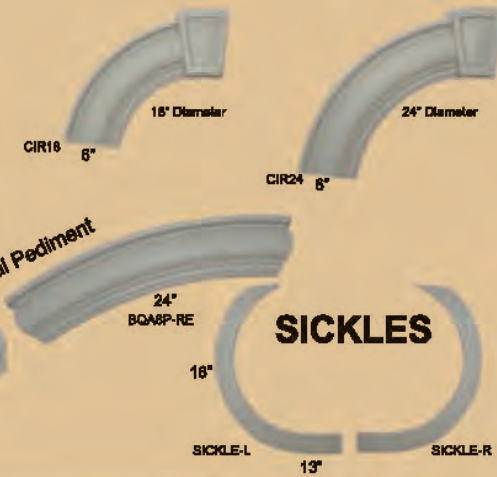
## ROCHELS



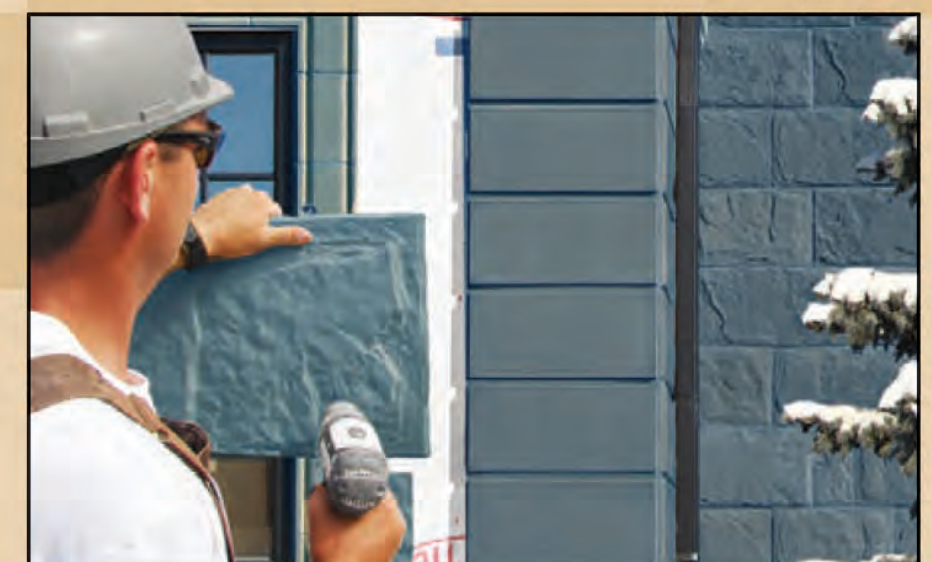
## BRQ OVAL



## BRQ CIRCLES



## SICKLES





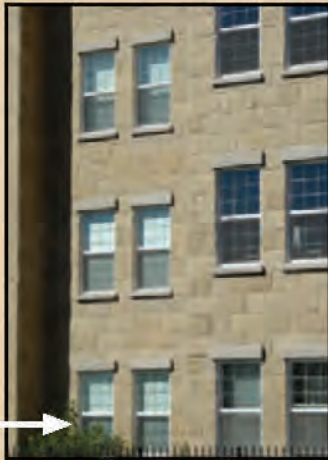


**FROM CASTLES . . .  
TO BEAUTIFUL HOMES**





MULTI-FAMILY AND COMMERICAL PROJECTS



TECHNICAL INFORMATION

**The Rain Screen System**  
A Rainscreen exterior is far superior for the fact that it features a continuous vented airspace (See Illustration #1). This airspace prevents rain water to enter the structural part of the wall which also holds the insulation. If for some reason water from an outside source migrates behind the tile it will simply run down the backside of the tile and exit through weeping holes.

The inside air of a home carries by far more humidity than outside air, especially on colder days. The law of nature dictates that this highly humid air must discharge some of its humidity. This discharge will occur in the outer walls of buildings.

With other wall systems condensation can form in the wall, where it may be trapped and then cause rusting, rotting and consequently lead to moldy drywall. Buildings constructed in recent years are far more airtight and that means moisture can not dry out. Consequently total wall failure may result.

A Rainscreen wall on the other hand can easily prevent trapped water or condensation.

**Thermal Expansion and Contraction (Crush zone)**  
Stonetile is patented because it has an ingenious answer for the age-old problem of thermal cracking. When exterior panels are heated by the sun, they will expand. This expansion is usually uneven due to the shaded areas and due to building panels that are uneven in size (See #2) or feature different materials that expand and contract differently. Stonetile features a crush zone around the perimeter of each tile. With the Stonetile system, when the tiles expand, tiny particles are crushed around the perimeter of each tile (See #3 and #4) without causing any damage to the tile, thus preventing a compounding expansion of the entire wall. Coupled to this feature, is the flexible caulking joint that absorbs all the expansion and shrinkage over the years and decades. A (See #5) tile and its perimeter make for the perfect exterior building panel. It is for that reason Stonetile requires no unsightly expansion joints.

**Stonetile is cast from the finest material**  
Stonetile has a new high density concrete formula and is produced with the finest raw materials, free of contaminants. Contaminants such as Ironstone, pyrite and organic materials are often found in aggregates and they can create rust spots, scaling, etc.

**Fastening System Design**  
Each Stonetile is produced with embedded fasteners (see #6). This mechanical fastening system allows our craftsmen to simply screw the tiles and mouldings onto wooden sub-surfaces with corrosion resistant screws. Stonetile is designed for installation on wooden sub-surfaces. The minimum plywood or OSB thickness is 3/8". Drywall, ridged insulation, fiberboard and other similar products are not suitable as a Stonetile backing material. Wooden sheathing must first be installed over these materials by the builder. Installation over concrete, stucco or other masonry products is difficult and extra installation fees will be charged. The weight of Stonetile is similar to that of a good quality stucco coat, therefore no added supports are required. Wind-load, shear test and all other required engineering tests confirm the excellence of the Stonetile system.

**Maintenance Issues**  
Cleaning of Stonetile is not required under normal conditions. Please contact your sales representative for any other difficult cleaning issues (example: graffiti). Stonetile as well as any other masonry product is subject to efflorescence. Efflorescence consists of minor calcium deposits (white stains) on the surface of the tiles. Efflorescence is not considered to be a defect. (Remove with a cloth or a fine steel wire brush). The colour is throughout the concrete thus making minor chips unnoticeable. Replacement of a damaged tile is possible in the middle of a wall without the complete removal and reinstall of the entire wall. (See #7)

**Engineering Tests**  
Stonetile has undergone extensive engineering tests over the years. The tests revealed that Stonetile offers superior resistance to thermal cracking. (See #8) seismic movement, and hurricane wind forces. Stonetile has received the Canadian government approval number 12886-R from CCMC

Installations are performed year-round by our qualified Craftsmen.



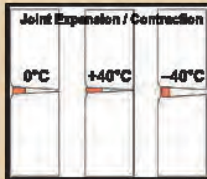
#1



#2



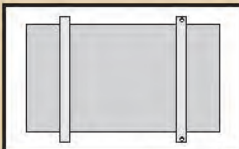
#3



#4



#5



Backside view of tile. #6



Tiles are replaceable #7



Resistant to wind and seismic movement forces #8

ANTIQUE WHITE

TRAVERTINE

ANTIQUE GREY

JASPER

CHARCOAL

SANDSTONE

QUARRYSTONE

BELGIAN

Due to the nature of the product, colour variations will occur.