

Tyndall Stone®

Thin Veneer



Responding to an overwhelming demand from our clientele, Gillis Quarries Ltd. is very proud to announce the first three products of our new

Thin Veneer program for both exterior and interior applications.

Continue to **REDISCOVER** the history and beauty of Tyndall Stone in its new thin format.

Cut stone made much simpler.

- No shop drawings.
- No lead times.
- Always in stock.

Introducing our first three “universal donors”:

190	190 mm high x 500 mm long x 20 mm deep	4.4 sq.ft. per box
90	90 mm high x 500 mm long x 20 mm deep	4.4 sq.ft. per box
SILL	50 mm high x 500 mm long x 70 mm deep	6.5 lineal feet per box



Available in Grey colour, Sawn finish.

For use as a field material or to accent any other adhered masonry veneer.

Limited only by your imagination. Easily cut into headers, quoins, keystones...

For pricing inquiries please contact:



2895 Wenzel Street | Winnipeg, Manitoba, Canada R2E 1H4
p. 204.222.2242 | f. 204.222.7849 | www.gillisquarries.com

NOTES TO INSTALLERS

1 GENERAL

- 1.1 Thin Tyndall Limestone is an ornamental veneer and trim, and is not a loadbearing or waterproofing product.
- 1.2 Do not use as a fire-resistive wall assembly.
- 1.3 In the field of the wall, at terminations, and at penetrations and transitions both horizontal and vertical, build in accordance with the approved project structural, construction, and water management details including those for the water resistive barriers, lath, fasteners, joints and junctions with other materials/components and assemblies, flashings, movement joints, trim accessories, capillary breaks, furring, drainage, and weep holes.
- 1.4 Build in accordance with the following standard and guides. The more stringent requirements shall apply:
 - .1 Rocky Mountain Masonry Institute's Adhered Natural Stone Installation Guide;
 - .2 Building Stone Institute's Adhered Natural Stone Veneer Installation Guide;
 - .3 The Masonry Veneer Manufacturer's Association Installation Guide;
 - .4 ASTM C1780, Standard Practice for Installation methods for Adhered Manufactured Stone Masonry Veneer Units.
- 1.5 Comply with the local Building Code.

2 STRUCTURAL

- 2.1 Special design considerations are required for:
 - .1 Soffit or overhead veneer applications.
 - .2 Installation over rigid foam thicker than 13mm.
- 2.2 In wood frame construction, provide a horizontal movement joint at each floor level.
- 2.3 For height restrictions, refer to the authority having jurisdiction.

3 WATER MANAGEMENT (Exterior Application)

- 3.1 Use not less than 2 separate layers of water resistive barrier except where applying over concrete or masonry.
- 3.2 Provide not less than 100mm clearance from grade or a minimum of 50mm above paved surfaces.
- 3.3 Do not install below grade and in locations subject to continuous usage under water.
- 3.4 Do not install where stone may come in contact with harsh chemicals or de-icing agents.

4 MATERIALS

- 4.1 Use a non-staining, white Portland cement for scratch coat, setting coat, and mortar/grout.

5 INSTALLATION

- 5.1 Recommend constructing a 1200mm x 1200mm sample panel using materials selected for the work. Obtain approval before proceeding.

5.2 Exterior Application:

- .1 Do not install over rigid insulation exceeding 13mm in thickness.
- .2 Terminate stone panel wall base using weep screed, drip screed, casing bead, foundation screed or starter strip required.
- .3 Use Type N (white) Portland cement – lime mortar in accordance with CSA A179 for scratch coat and setting bed bond coat.
- .4 Set the units in a full setting bed mortar that covers the complete back of the stone and the face of the scratch coat, free of voids.
- .5 Set units using ASTM C1780 approved methods.
- .6 To grout joints, use Type N (white) Portland cement – lime mortar in accordance with CSA A179.
- .7 Ensure mortar joints are full, and well-tooled.

6 PROTECTION

- 6.1 Protect stone units, cementitious materials, and sand from contaminants, rain, snow, or groundwater.
- 6.2 Store stone units in a dry location, off ground on material that will not stain the stone.
- 6.3 Cover with polyethylene or other non-staining waterproof materials.
- 6.4 When work is not in progress, cover the exposed top surfaces to prevent intrusion of water.
- 6.5 Cold Weather Protection and Construction:

- .1 If ambient temperature is below 4°C, comply with the cold weather construction and protection requirements of CSA A371.
- .2 Do not use antifreeze liquids, calcium chloride, frost inhibitors based on calcium chloride, salts, or other substances used for lowering the freezing point or accelerating the setting time to mortar, scratch coat, or setting bed.
- .3 Do not install units that have visible frost, ice or snow, or to a surface showing frost.
- .4 Under hoarding and heating conditions that dry the scratch coat, moisten the scratch coat with water spray or mist, or by brush, before applying setting bed. Surfaces should appear damp but free of surface water.

6.6 Hot Weather Protection and Construction:

- .1 In hot or dry weather, moisten the scratch coat with water spray or mist, or by brush, before applying setting bed. Surfaces should appear damp but free of surface water.

7 CLEANING

- 7.1 Avoid smearing mortar over stone surfaces. Remove accidental droppings and smears using a dry stiff nylon bristle brush only after mortar has become crumbly. Do not use a wire brush to avoid damage to the stone surface.
- 7.2 Do not use acid-based or alkali-based products to clean.
- 7.3 Do not pressure wash.