

# THIN BRICK INTERIOR INSTALLATION METHODS

Packaging / Coverage / Materials Checklist



## PACKAGING

Thin Brick is packaged as follows:

1 Box of Flats = 7 square feet

## COVERAGE

Calculate the amount of Thin Brick you'll need for your project:

Measure the width and height of all areas to be covered. Multiply width by height to determine the **total square footage** of the surface area.

NOTE: If you intend on dry stacking the product on the wall (no mortar joints) you'll need 30% more product. Thin Brick is packaged assuming the product will be installed with a minimum of 3/8" mortar joint.

## MATERIALS CHECKLIST

In addition to the packaged Thin Brick, here are the materials you'll need when installing the product:

### ITEM

Tarp to cover floor  
Large Sponge  
Mortar

For Joints: 1 part masonry cement; 2 parts sand  
(As an alternative, use Type S or Type N Mason Mix & Water)

Bucket or Wheelbarrow  
Hoe or large mixing stick  
Masonry blade  
Small electric saw - optional  
Mortar / Grout bag  
Joint tool  
Stiff brush  
Gloves  
Safety glasses  
Dust mask

### PURPOSE

Floor protection  
To clean back of brick or eliminate dust

To mix mortar in  
To mix mortar with  
To score & break-off thin brick pieces to fit  
To custom-cut thin brick  
To fill in joints  
To smooth out joints  
To wipe away excess mortar  
To protect hands during installation  
To protect eyes during installation  
Protection during mortar mixing

# THIN BRICK INTERIOR INSTALLATION METHODS

Installation Method 1



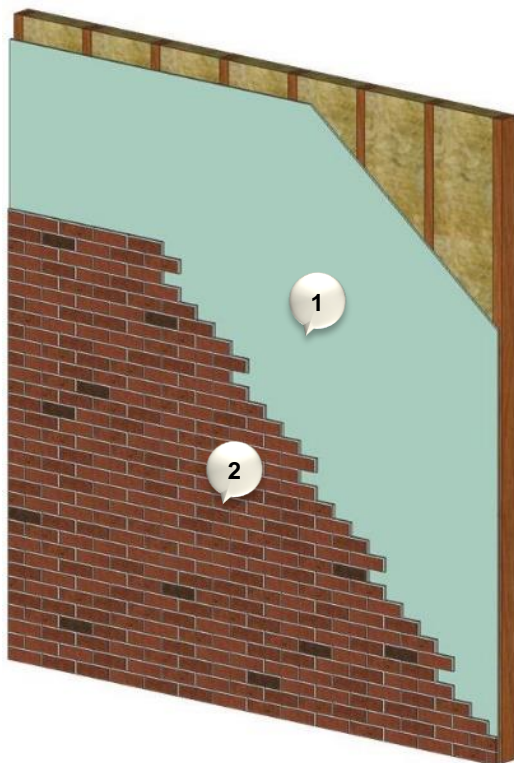
## METHOD 1: FAST ADHESIVE METHOD

### Step 1: (Framed Installation) Install Cement Board

Install cement board as per manufacturer's instructions. If using Fast Adhesive Method, Thin brick may also be applied directly over water-resistant drywall ("green board" or "blue board"). Applying thin brick directly over standard untreated drywall may negatively affect joint quality and overall durability.

### Step 2: Install Thin Brick

Clean unit backs of any dust, laitance, loose material and any excess film that could impede bond. Start with the corner pieces, working either from the top-down, or bottom-up. Using a non-sagging adhesive, apply a generous bead to the back of each brick and firmly press into place on the wall. After the corner pieces are installed, apply flat pieces starting at an outside corner and working your way in. Let the adhesive dry overnight. Grout the joints using pointing mortar (or mix shown on Page 4) using a grout bag. Tool joints when thumbprint hard using a metal jointing tool.



*Framed Wall Installation Using  
Fast Adhesive Method*

*Applying adhesive to back of Thin Brick*



*Installing Thin Brick and filling in joints*



# THIN BRICK INTERIOR INSTALLATION METHODS

Installation Method 2



## METHOD 2: STANDARD THIN-SET MORTAR

### Step 1: (Framed Installation) Install Cement Board

Install cement board as per manufacture's instructions. For new construction, install cement board in place of sheet rock.

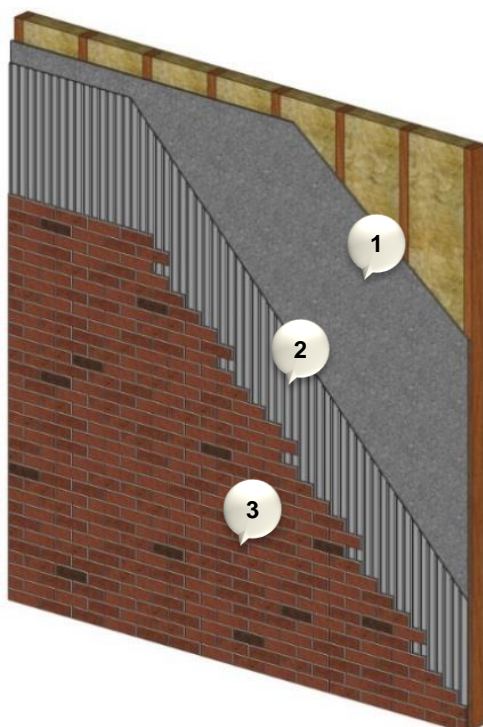
### Step 2: Apply Polymer Modified Thin-Set Mortar

Using a trowel, spread mortar across substrate in an upwards direction with the flat side of the trowel. Run notched side of the trowel across mortar to create a grooved finish. Apply only a workable area of mortar that will allow veneer to be properly set before surface drying occurs. This area will vary depending on site environmental conditions.

### Step 3: Install Thin Brick Masonry Units

Clean unit backs of any dust, laitance, loose material and any excess film that could impede bond. With a trowel "back-butter" the veneer units, if required to fill any surface irregularities or to ensure 100% coverage. Beginning with the corner pieces, work either from the top-down, or bottom-up. Press the corner piece onto the wall, rotating back and forth slightly, and forcing some of the mortar to "squeeze out". Remove this excess mortar with a square flat trowel and use the excess on the next piece of veneer. Remove excess mortar from around or on the veneer units with a stiff brush. Check for 100% mortar coverage by removing two stone units from the wall per bag of mortar used. Grout the joints using pointing mortar **(or mix shown on Page 4)** using a grout bag. Tool joints when thumbprint hard using a metal jointing tool.

*Framed Wall Installation Using Thin-Set Mortar*



*Installing Thin Brick and filling in joints*

# THIN BRICK INTERIOR INSTALLATION METHODS

Installation Method 3 / Mix for Pointing Joints



## **METHOD 3: FLOOR APPLICATION METHOD**

To install thin brick as a floor application, any of the industry-standard methods used to install traditional tile flooring are acceptable.

**NOTE:** Thin Brick can be installed by “floating” the joints with grout using a grout release agent. However, to achieve an authentic brick appearance, use pointing mortar applied with a grout bag and tooled with a concave joint tool.

## **MIXING FOR POINTING JOINTS (Proportioned by Volume)**

**2 PARTS SAND; 1 PART TYPE N MASONRY CEMENT OR MORTAR CEMENT**

**Warning: The dust generated from dry sawing may contain silica and may be a potential health problem for the lungs. Wet sawing is recommended.**

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### ***Additional Information***

- 1. As building codes vary by region, it is important to check local building codes for proper installation guidelines.*
- 2. This Installation Guide serves as reference only and is not meant to act as a substitute for professional advice.*
- 3. Considerations must be made for hot & cold weather construction. For additional information on hot & cold weather construction, refer to TMS 602-11/ACI 530.1-11/ASCE 6-11, Specification for Masonry Structures, Sections 1.8C and 1.8D.*