

SECTION 04 23 13

THIN BRICK

1. GENERAL SECTION INCLUDES
2. Thin brick veneer
3. RELATED SECTIONS
4. Section 03-4500 Precast Architectural Concrete.
5. Section 03-4713 Tilt-Up Concrete.
6. Section 04-2616 Thin Brick.
7. REFERENCES

1. ASTM C 67 - Standard Test Methods for Sampling and Testing Brick and

 Structural

 Clay Tile.

1. ASTM C 1088 - Standard Specification for Thin Veneer Brick Units Made from Clay

 or Shale.

 C. For embedded applications, see Precast Concrete Institute (PCI) and Tilt-Up

 Concrete Association (TCA)

1. SUBMITTALS
2. Submit under provisions of Section 01 30 00 - Administrative Requirements.
3. [Product Data]: Manufacturer's catalog data, detail sheets, and printed installation

 instructions.

1. Selection Samples: For each product requiring color/texture selection, provide full

 size samples for final selection.

1. Verification Samples: For each product, color, and texture selected, provide two

 full-size units representing actual color and texture of products to be installed.

1. SAMPLE PANELS

1. Construct sample panel at location indicated or directed, and as follows:
2. Size: 4 feet by 4 feet (1.2 m by 1.2 m).
3. Include all unit types and sizes to bused, and mortar joint treatment.
4. Obtain architect's acceptance of sample panel before beginning construction

 activities of this section.

1. Do not remove sample panel until construction activities of this section have been

 accepted by architect.

1. DELIVERY, STORAGE, AND HANDLING
2. Deliver products of this section on pallets, with individual faces protected; keep

 dry.

1. Store units in protected area or under cover on level ground; keep dry. Do not

 double-stack pallets.

1. PRODUCTS
2. MANUFACTURERS
3. Acceptable Manufacturer: Endicott  Thin Brick, LLC., which is located at:

 57120 707th Rd.; Endicott, NE 68350

 Tel: 402-729-3315

 Website: <http://www.endicott.com>

1. Requests for substitutions will be considered in accordance with provisions of

 Section 01 60 00 - Product Requirements.

1. Substitutions: Not permitted.
2. MATERIALS

1. Thin Brick: ASTM C 1088, Type TBX or TBS, tested in accordance with ASTM

 C67, as manufactured by Endicott Thin Brick, LLC. And PCI/TCA specifications.

 1. Size: 2-1/4” (57.2 mm) high, 7-5/8” (193.7 mm) long, ½” (12.7 mm) thick

 2. Size: 2-1/4” (57.2 mm) high, 11-5/8” (295.3 mm) long, ½” (12.7mm) thick

 3. Size: 2-1/4” (57.2mm) high, 15-5/8” (396.875 mm) long, 1” (25.4 mm) thick\*

 4. Size: 3-5/8” (92.1 mm) high, 7-5/8” (193.7 mm) long, ½” (12.7 mm) thick

 5. Size: 3-5/8” (92.1 mm), 11-5/8” (295.3 mm) long, ½” (12.7 mm) thick

 6. Size: 3-5/8” (92.1 mm), 15-5/8” (396.875 mm) long, 1” (25.4 mm) thick\*

 7. Size: 7-5/8” (193.7 mm) high, 7-5/8” (193.7 mm) long, ½” (12.7 mm) thick\*

 8. Size: 1-5/8” (41.3 mm) high,11-5/8” (295.3 mm) long, ½” (12.7mm)thick

 9. Size: 2-5/8” (66.675 mm) high, 9-5/8” (244.475 mm) long, ½” (12.7) thick

 **\***(sizes only available in certain colors, please confirm with Endicott)

 a. Texture: Smooth (1/2”’ 5/8” and 1” thickness)

 b. Texture: Velour (1/2” and 1” thickness only)

  c. Texture: Artisan \*\* (please confirm size with Endicott)

  d. Texture: Matt \*\* (please confirm size with Endicott)

 e. Texture: Vertical score \*\* (please confirm with Endicott)

  f. Texture: Sand Finish \*\* (please confirm with Endicott)

  g. Texture: Glazed (1/2” only)

 Approved Color: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Trim Units: Matching thin brick.
2. Edge cap A – 3-5/8” bed (92.1 mm), 7-5/8” (193.7 mm) long, 2-1/4” face
3. Edge cap B – 3-5/8” bed (92.1 mm), 11-5/8” (295.3 mm) long, 2-1/4” face
4. Edge cap C – 3-5/8” bed (92.1 mm), 7-5/8” (193.7 mm) long, 3-5/8” face
5. Edge cap D – 3-5/8” bed (92.1 mm), 11-5/8” (295.3 mm) long, 3-5/8” face
6. Edge cap E – 2-1/4” bed (57.2 mm), 7-5/8” (193.7 mm) long, 2-1/4”face
7. Edge cap F – 2-1/4” bed (57.2 mm), 11-5/8” (295.3 mm) long, 2-1/4” face
8. Edge cap G – 3-5/8” bed (92.1 mm), 11-5/8” (295.3 mm) long, 1-5/8” face
9. Edge cap H – 1-5/8” bed (41.3 mm), 11-5/8” (295.3 mm) long, 1-5/8” face

 C. Corners: Matching thin brick

 1. BC1-5/848: 1-5/8” (41.275mm) face, 11-5/8” (295.3mm) long, ½” (12.7mm) thick

 2. BC2-1/448: 2-1/4” (57.2mm) face, 7-5/8” (193.7mm) long, ½” (12.7mm) thick

 3. BC2-5/8310: 2-5/8” (66.675mm) face, 9-5/8” (244.475mm) long, ½” (12.7mm) thick

 4. BC448: 3-5/8” (92.1mm) face, 7-5/8” (193.7mm) long, ½” (12.7mm) thick

 5. BC848: 7-5/8” (193.7mm) face, 7-5/8” (193.7mm) long, ½” (12.7mm) thick

 6. BC1-5/8412: 1-5/8” (41.275mm) face, 11-5/8” (295.3mm) long, 1” (25.4mm) thick

 7. BC2-1/4412: 2-1/4” (57.2mm) face, 11-5/8” (295.3mm) long, 1” (25.4mm) thick

 8. BC4412: 3-5/8” (92.1mm) face, 11-5/8” (295.3mm) long, 1” (25.4mm) thick

1. EXECUTION
2. INSTALLATION
3. Install thin brick in accordance with BIA Technote 28C or appropriate industry

 standards.

 Reference system manufacturer's printed instructions, approved submittals and in

 proper relationship with adjacent construction.

END OF SECTION