Met-Oklahoma Squares & Rectangles

Division 04 Masonry, Section 04 4100 Natural Stone

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Specification Data	
Division / Section	Division 04 Masonry, Section 04 4100 Natural Stone
ASTM	C1242 & C568 Limestone SW
Supplier	Metro Brick & Stone-Dallas (972)-991-4488
Brick / Stone Type	Thin Stone
Typical Sizes	4",6",8" Random

Visual Characteristics	
Color Range	Brown
Texture	Natural Chopped Face

Applications

Interior Veneer Backsplash, Fireplace, Wine room, Accent Wall, Commercial, and Residential Exterior walls

Available Products

Thin Veneer Flats, Corners, and full-size stone Non Tumbled or Tumbled.

Images shown are for illustration purposes only. Actual product can vary.

Physical Properties

Natural Thin Stone Veneer shall be manufactured from genuine quarried stone and fabricated to a nominal thickness of 3/4" to 1-1/2" unless otherwise specified. Material shall be durable, weather-resistant, non-combustible, and suitable for both interior and exterior applications. Stone shall exhibit the natural color variations, texture, veining, and characteristics inherent to the selected stone type. Physical properties, including compressive strength, density, absorption, and freeze-thaw resistance, shall meet or exceed applicable ASTM standards for the specific stone classification.

Cleaning

Cleaning – Natural Thin Veneer Stone (Short Specification) Allow mortar to cure before cleaning. Remove excess mortar with wood or plastic tools during installation. Clean stone surfaces using clean water and a soft-bristle brush only. Do not use muriatic acid, harsh acids, wire brushes, pressure washers, or abrasive cleaning methods. Protect adjacent materials from cleaning runoff. Follow stone manufacturer recommendations for final cleaning and maintenance. Reference Standards: Follow recommendations of the Natural Stone Institute and applicable masonry industry standards.

Installation (Standards / Codes)

Install natural stone veneer in accordance with the manufacturer's written instructions and applicable industry standards, including ASTM C1780 (Installation Methods for Adhered Manufactured Stone Masonry Veneer), ASTM C270 (Mortar for Unit Masonry), ASTM C1063 (Lathing and Furring), ASTM C926 (Portland Cement-Based Plaster), and local building codes. Prepare substrates properly, install weather-resistant barrier and metal lath where required, and set stone using approved mortar to achieve full bond and proper jointing. All work shall be performed by qualified masonry installers experienced in natural stone veneer applications

Storage & Handling

Store dry, covered, and elevated from grade. Protect from jobsite contamination

Mortar Recommendations

Mortar: Polymer-Modified Stone Veneer Mortar conforming to ASTM C270 Type S, ASTM C1714, and ANSI A118.4/A118.15 requirements. Mortar shall be specifically manufactured for adhered natural thin stone veneer applications and provide high bond strength, sag resistance, durability, and weather resistance. ■ specmix.com +2 Acceptable Products: SPEC MIX Polymer Modified Adhered Veneer Mortar (PMAVM) QUIKRETE Polymer Modified Veneer Stone Mortar Amerimix Stone Veneer Mortar Approved equal ■ specmix.com +2 Installation Standard: Install in accordance with ASTM C1780, TMS 402/602, manufacturer's instructions, and applicable building codes. ■ cmha.org +1 For a concise architect specification sheet, you can simply use: Mortar:...

Notes

. **Identify the Correct Face Side: ** Ensure you distinguish between the face and the sawn back side of the stone. The correct face will feature a natural surface typically displaying variegated colors,. 2. **Achieve a Uniform Blend: ** Always draw stone from multiple sleeves simultaneously to achieve a well-blended appearance. 3. **Clean the stone Thoroughly: ** Wash each stone on both sides before installation. Although the stone undergo rinsing after cutting, some dust may remain. 4. **Plan Your Layout: ** Arrange the stone on the floor according to how you’d like the colors to blend on the wall. Instruct your installer to follow this pattern. 5. **Utilize Broken stone: ** Use any broken stone from the shipment for end cuts. Since thin stone may arrive with a few broken pieces, we include extras to ensure you have sufficient material..