

Installation Guide / Panels

Preparation of Surface

1. Clean.

Always make sure that the surface that LEDGE STONE panels will be applied to is clean.

2. Weather resistant Barrier: (where required)

All exterior surfaces require a water/weather resistant barrier before installing LEDGE STONE panels. This barrier must meet local building codes, UBC standard Code 141 regarding waterproof building paper or asphalt saturated building felt. Rigid noncorrosive flashing is required for exterior wall use.

3. Lath or Wire Mesh: (Where required)

Install a 2.5 lbs. diamond mesh expanded metallathoran 18 gauge woven wire mesh: Exterior applications will require a galvanized metal lath; however a non-galvanized black metal lath may be used for interior applications. Overlap lath sides by not less than 3/8 in. and lath ends by not less than 1 in. Attach the lath using galvanized nails or staples 6 in. on center and 16 in. horizontally, penetrating studs to a minimum of 1 in. Continuously wrap metal lath a minimum of 16 in. around all outside and inside corners.

4. Scratch coat:

Apply a 1/2 in thick scratch coat of type “N” or “S” mortar with a bonding agent over the metal lath. Use a toothed scraper, notched trowel or small piece of lath to lightly rake horizontal grooves in the scratch coat. Allow scratch coat dry for at least 24 hours.

5. LEDGE STONE Panel:

Always make sure that the back of each LEDGE STONE panel is clean and free from stone dust. This can easily be done by wiping the back of the panel with a damp rag. Cutting LEDGE STONE panels will create dust and should be worked on outside. Clean the back of all panels after cutting them. Only cut LEDGE STONE Panels with a wet saw.

Note: Mortar should be mixed to a firm but workable consistency. Ledge Stone Panel systems recommends type N or S mortar combined with a bonding agent* ** (see architecture specification document for additional information). It is recommended that the scratch coat dry for at least 24 hours. Certain weather conditions may require that the scratch coat is moistened prior to the installation of the LEDGE STONE Panels.

**** Integral bonding agent meeting ASTM C 9322 or ASTM C 1059 type ii. Refer to manufacturers' instructions for mix ratio.****

Installation of LEDGE STONE Panels:

1. Always follow and check your local Building code requirements.

Ledge Stone Panels should only be applied to structurally sound surfaces incorporating good building practices. Please note that the assistance of a professional contractor or engineer may be needed to evaluate your installation or the soundness of your installation back up wall. A contractor or engineer can also provide important information regarding local building codes, seismic building codes, institutional building codes, and installations