
INSTALLATION OF LEDGER PANELS IN THE EXTERIOR OF BUILDINGS

Ackland Natural Stacked Stone panels are natural stone pieces adhered to each other and formed into a stepped panel for easier site installation. Each panel weighs between 7-10 lbs. and meets the definition of **Adhered Masonry Veneer** as defined by the International Building Code. Therefore, no ICC-ES report is available. Natural Stacked Stone panels should be installed in accordance with generally accepted installation practices of natural stone veneers which can be found in the following documents:

1. International Building Code — Adhered Masonry Veneers are covered in Chapter 14
2. Building Stone Institute's Adhered Stone Veneer Installation guide found at buildingstoneinstitute.org
3. TCNA Handbook for Ceramic, Glass, and Stone Tile Installation — Natural Stone Tile Installation Methods: Exterior Walls

IN ADDITION TO THE ABOVE INSTALLATION GUIDELINES ACKLAND REQUIRES THE FOLLOWING

Water-Resistive Barrier

A water-resistive barrier must be appropriately installed with penetration and junction flashing in accordance with local building code requirements. **Ackland** will assume no responsibility for water infiltration.

Appropriate Substrates

Install panels over a scratch coat as described in the BSI Adhered Natural Stone Installation Guide. If a cementitious backer unit (CBU) is used as the substrate, refer to CBU manufacturer's installation instructions to determine suitability, fastening and seam preparation requirements.

Mortars

Prepackaged mortars meeting or exceeding the requirements of ANSI A118.15 such as CUSTOM Building Products' Pro-Lite.

- All panels must be back-buttered prior to setting to ensure complete coverage

Sealers

For best performance, natural stones should be sealed using a penetrating sealer such as Miracle's 511 Impregnator.

Exterior Installations Above 15 Feet

Exterior stone installations higher than 15 feet require mechanical fastening in accordance with Marble Institute of America's **Dimension Stone Design Manual**, which can be found at <http://www.stonesofnorthamerica.com/technical/dsdm.cfm>. See chapter 15: Vertical Surfaces.