



Installation Recommendations

For Large Format Profiles



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Summary

1. Consider a grout Joint for any 12 x 24 Modern Collection panel construction.
2. Modified mortars, compliant with ANSI A118.4 or A118.15, provide significant installation advantage as well as providing enhanced bond.
3. Spray-coating silane-repellents on the face of the stone units prior to installing will simplify the effort to remove mortar stains and smears on the face of the stone
4. A fresh, new saw blade will reduce chipping of the stone edges.
5. All stone dimensions are approximate and will vary slightly from the stated dimensions. Please take into consideration when planning.

Details

Installation of large format Modern Collection 12 x 24 stone units require a few key differences which will be outlined in this installation addendum. This addendum is intended to be used in concert with the standard MVMA Installation Guideline found at www.eldoradostone.com. All wall preparation requirements, all materials requirements, all cautions, disclaimers and general information should be reviewed and followed.

Eldorado Stone's Longitude, Marquee Limestone, Sierra Cut and Zen stone units comprise a 2-square foot wall area and can be more challenging to install than conventional stone units. Proper bonding materials and techniques are essential. A key to good bond is achieving a full setting bed of quality mortar with ample squeeze out.

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While these 12 x 24 units can be installed with standard ASTM C270 Type S mortar, Eldorado Stone recommends a stronger, more versatile modified mortars as outlined in the MVMA Installation Guide; these mortars must comply with ANSI A118.4 or ANSI A118.15. Not only do these mortars bond more aggressively, polymer modified mortars allow stone units to be wiggled and aligned on the wall for up to 5 minutes after pressing the stone to the wall. This is an important characteristic since alignment of each stone is critical. Furthermore, if a stone is bumped while installing its neighbor, no loss of bond is experienced. Just re-position the bumped stone. In addition, these high-performance mortars are formulated to eliminate of limit sag during stone placement.

Extra care should be taken to avoid mortar droppings and smears as modified mortar is difficult to remove. You may choose to spray-apply a silane-siloxane repellent to the stone surface in preparation of installing. This will simplify the job of removing mortar-staining on the stone's surface.

The task of installing these large stone profiles is simplified if a grout joint is incorporated. We recommend at least a 3/16" joint. However, if installing as a tight-fit or grout-less joint application it may be better to use a mortar application method in which mortar is troweled and raked onto the scratch coat and the back of the stone is coated with a light coat of mortar.

Cutting these stones with a dull or used saw blade can result in edge chipping. A fresh diamond blade is recommended for clean, straight cuts.