

LEDGESTONE

INSTALLATION INSTRUCTIONS

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1. Ensure all surfaces to be faced are clean and free of all loose material and dust. Surfaces must be structurally sound. Apply all lintels or starter strips where required. If possible ensure all lintels and starter strips are installed perfectly level.
2. Mark Ledgestone pieces with a carpenter's pencil. Avoid using permanent markers as this will be absorbed by the stone. Always measure from the manufacturer's cut end of the panel if cutting a panel more than once. Use a square or straight edge for making long cuts.
3. Line up saw blade with your mark prior to cutting. Take into account blade thickness and make necessary adjustments to ensure proper fit. Always calibrate saw with carpenter's square prior to commencement of work to ensure an accurate 90 degree cut.
4. Use a wet saw for all cuts. Using a wet saw will ensure clean and accurate cuts and will minimize the amount of dust produced. Never force the stone into the blade. Allow the blade to cut the stone at a slow and steady pace. Hold panel firmly against the rail when cutting the stone. Protect all floor surfaces that are susceptible to staining.
5. For uneven floors, the Ledgestone may need to be cut at an angle to ensure pieces remain level. When cutting pieces on an angle, ensure stone is secure on the saw table to prevent binding and jamming of the blade. Check level every 3rd or 4th row to ensure a level installation. Make adjustments using shims. Never shim more than 1/16" per row.
6. For floors that are less than 1/2" out of level, the Ledgestone may be shimmed at the floor to allow for a level installation. All shims must remain in place until the setting mortar has set.
7. Apply the setting mortar to the back of each piece using a minimum 3/8" square notched trowel. Ensure all the depressions in the back of the stone are filled. Keep all edges of the Ledgestone clean of any mortar at all times.
8. Set the Ledgestone in place by placing the bottom edge of the stone onto the piece below it. Slide the stone tight against the piece beside it. Press the stone into place. Complete each row before starting the next row. Always install Ledgestone with staggered vertical joints. Never install with a brick (straight) joint.
9. Tap the Ledgestone gently into place using your hand or a rubber mallet. Do not use excessive force when tapping the stone into place as this may cause previously placed pieces to shift. Clean all stone edges using a damp cloth before installing adjacent pieces. Ensure all mortar on Ledgestone face and edges is cleaned prior to mortar drying.

FREEZE – THAW (ASTMC-97): AVG WATER ABSORPTION - 0.1% - AVG MASS LOSS (FREEZING) – NIL – NO CHGS TO STONE DURING & AFTER FROST-THAW CYCLES.

SUBSTRATES: EXTERIOR & INTERIOR: Fully cured concrete (at least 28 days cured), masonry brick, regular brick, cement mortars, cementitious backer boards

INTERIOR ONLY: Gypsum plaster (max 10' high) – gypsum wallboard (max 10' high)

ADHESIVES: EXTERIOR: A flexible latex based mortar system suitable for stone is recommended. For light coloured stones use a white mortar.
INTERIOR: A thin set mortar suitable for stone is recommended.