

Sunset Stone

Surface Preparation – See “Installation Instructions” for details

Over open studs

Apply paper-backed galvanized 3.4 lbs. 3/8” rib expanded metal lath to the studs using galvanized nails or staples every 6” vertically on stud centers with a minimum penetration of 1” in to the studs. Overlap lath sides no less than 1” vertically and horizontally.

For metal studs use corrosion-resistant self tapping screws with a 3/8” head that provides a minimum 3/8” penetration beyond the inside metal surface.

Over wood products

Cover the wall surface (plywood, drywall, paneling, etc.) with 2 layers of weather resistant (15 pound felt) barrier, lap joints by applying felt horizontally with the upper layer lapped over the lower layer not less than 2” and end laps not less than 6”. Install a minimum of 2.5 lbs diamond mesh metal lath. Use galvanized lath for exterior and black metal lath (non-galvanized) may be used for interior.

Lap lath sides not less than 1” horizontally and vertically. Please note it is critical that the lath is attached with the small diamonds pointing upwards. On the inside and outside corners turn the corner 16” minimum each way.

Attach wire lath typically using 1 ½ “galvanized nails or staples on 6” centers vertically and to centers horizontally; penetrating *studs* a minimum of 1”.

After attaching the lath, apply a mortar scratch coat to cover the metal lath. Allow the scratch coat to dry 48 hours, and then rehydrate it before applying the stone veneer.

Over rigid insulation board:

Surface preparation is the same as **open stud construction**.

Metal studs or panels:

Surface preparation is the **same as wood sheathing, except** the lath should be attached with self-tapping screws with a minimum 3/8” head that provides 3/8” minimum penetration beyond the inside metal surface.

Clean untreated masonry:

No special preparation is needed. **Note:** If form oil was used (typical) on new poured concrete wall, **all** remnants of the form oil must be removed – see painted, sealed or dirty masonry below.

Painted, sealed, or dirty masonry:

You must clean the surface down to *clean masonry* by sandblasting, water blasting, acid etching or wire brushing before installing stone veneer. If you are unable to fully clean the masonry, attach metal lath and scratch coat to the masonry with corrosion-resistant nails or other approved fasteners.

Note: You must wash the surface of the masonry of any cleaning agents or blasting sand prior to applying stone veneer.



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