Installation of stone slabs is fast becoming a popular choice among designers and architects for high-end shower applications. The beauty of stone is magnified when placed in large format slabs in vertical installations.

Ensure that the substrate meets the maximum allowable deflection ratings of L/480 under anticipated design load and weight load. Also, make sure that the substrate is structurally sound, plumb, clean and free of dirt, dust oil, grease, paint, sealers, and curing compounds.

The following are procedures which can be used to install these slabs;

Installations that have a shower pan but **DO NOT** require a waterproofing membrane on the concrete, concrete masonry unit or cement back board walls of the shower or tub can be done using LATAPOXY® 310 Stone Adhesive or LATAPOXY 310 Rapid Stone Adhesive. Please check local plumbing code for shower pan liner compliance.

For installations over cement backer board;
1. Install the cement backer board per board manufacturers' installation instructions (including taping of the joints with alkali-resistant fiberglass mesh tape and 254 Platinum). Allow the tape and thin-set to harden. The location and type of vapor barrier, if required, must be specified by a design professional. THIS PROCEDURE IS NOT TO BE USED OVER ANY TYPE OF GYPSUM WALLBOARD!
2. Please refer to DS 679.5, "How To Install Tile & Stone with LATAPOXY 310 Stone Adhesive" (located in the LATAPOXY 310 Stone Adhesive or LATAPOXY 310 Rapid Stone Adhesive packaging) packaging for further instructions. Please visit https://laticrete.com or call LATICRETE Technical Services at 1-800-243-4788 x1235 for a copy of these instructions. You can obtain a copy of the LATICRETE specification for this installation by visiting https://laticrete.com/ag and selecting method W260.

For installation over concrete or concrete masonry units (that do not require a waterproofing membrane);
1. Please refer to DS 679.5, "How To Install Tile & Stone with LATAPOXY 310 Stone Adhesive" (located in the LATAPOXY 310 Stone Adhesive or LATAPOXY 310 Rapid Stone Adhesive packaging) packaging for further instructions. Please visit https://laticrete.com or call LATICRETE Technical Services at 1-800-243-4788 x235 for a copy of these instructions. You can obtain a copy of the LATICRETE specification for this installation by visiting https://laticrete.com/ag and selecting method W215 for interior concrete or concrete masonry units; or, method W309(E) for exterior installation over concrete or W312(E) for exterior installation over concrete masonry units.

Shower, tub surrounds or any areas that **REQUIRE** a waterproofing membrane cannot be installed using LATAPOXY 310 Stone Adhesive or LATAPOXY 310 Rapid Stone Adhesive. There are two procedures when a suitable waterproofing membrane (e.g. HYDRO BAN® XP, HYDRO BAN or 9235 Waterproofing Membrane) is specified;
A. If the stone slabs will be fully supported by the shower pan or floor: LATAPOXY 310 Stone Adhesive or LATAPOXY 310 Rapid Stone Adhesive can be used since the load will be borne by the floor structure. To minimize any tensile load on the membrane it is recommended to use 20% coverage of the LATAPOXY 310 Stone Adhesive to adhere the stone to the membrane.
B. If the stone slabs will not be supported by the shower pan or floor: install stone slabs with 254 Platinum (White), 254 Platinum Plus (White) or MULTIMAX™ LITE† (White) by using a large notch trowel (e.g. ¾" [19mm] loop notch or larger). Back butter each slab to ensure that maximum coverage is achieved.

Grout using SPECTRALOCK® PRO Premium Grout*, SPECTRALOCK PRO Grout; SPECTRALOCK 1; PERMACOLOR® Select†; or, PERMACOLOR Grout. Some soft polished marble might be scratched by SPECTRALOCK PRO Premium Grout, SPECTRALOCK PRO Grout, SPECTRALOCK 1; PERMACOLOR Select, or PERMACOLOR Grout. Apply a small test area to determine results before grouting entire installation. Test stone for compatibility with water and cleaning additive mixture. For more information on the installation of SPECTRALOCK PRO Premium Grout please refer to DS 681.5 "How To Install SPECTRALOCK PRO Premium Grout" and for SPECTRALOCK PRO Grout please refer to DS 685.5, "How To Install SPECTRALOCK PRO Grout" located at https://laticrete.com/en/tile-and-stone-installation/grouts.

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† United States Patent No.: 6,784,229 (and Other Patents)
* United States Patent No.: 6,881,768 (and other Patents)