



INTERSTYLE Glass Wall Tile Short Form Installation Specification

SPECIFICATIONS

This specification covers the installation of Interstyle Glass Wall Tiles in exterior and interior areas.

Note to Specifier: Detail and specify anti-fracture and waterproofing membrane; LATICRETE® 9235 Waterproofing Membrane or LATICRETE® Hydro Ban™ over existing hairline cracks (<1/8" or 3 mm wide) in subsurface. A LATICRETE "System" approach to installation is covered by a comprehensive 10 year warranty (LATICRETE DS 230.12).

MATERIALS

All glass tile, where called for, shall be: **Interstyle Glass Wall Tile** as supplied by **Interstyle Ceramic & Glass Ltd.; 3625 Brighton Avenue; Burnaby, BC V5A 3H5**. Material for setting Interstyle Glass Wall Tile shall be LATICRETE® 254 Platinum (white). Material for grouting glass tiles that will not scratch from sanded grouts shall be LATICRETE® SpectraLOCK® PRO Grout (for increased stain resistance), or LATICRETE 1500 Sanded Grout gauged with LATICRETE 1776 Grout Enhancer. LATICRETE 1600 Unsanded Grout gauged with LATICRETE 1776 Grout Enhancer shall be used for glass tiles that may potentially scratch from sanded grouts. Color to be selected from LATICRETE Grout Color Chart (DS 254.3 APD). Waterproofing and Anti-Fracture Membrane shall be LATICRETE 9235 Waterproofing Membrane or LATICRETE Hydro Ban™. All anti-fracture, tile installation and grouting materials shall be as supplied by: **LATICRETE International, Inc.; 1 LATICRETE Park North; Bethany, CT 06524 USA. Telephone: 1 (800) 243-4788 or (203) 393-0010, Fax: (203) 393-1684. E-mail: support@LATICRETE.com, Internet: www.LATICRETE.com.**

PREPARATION

Prior to commencing the installation, the contractor shall examine the areas to be covered and advise the General Contractor and Architect of any existing conditions or surface contamination which will require correction before the work commences. Before starting, surface to be covered shall be cleaned to remove curing compounds, sealers, soil, mortar, etc. Curing compounds or sealers shall be removed by "bead-blasting," grit / sand blasting or mechanical "scarifying." After removal of the curing compounds or sealers all rough, uneven or "out-of-plumb" surfaces shall be made "plumb & true" to within 1/8" in 10' (3mm in 3m) using a LATICRETE 3701 Mortar Admix mixed with LATICRETE 226 Thick Bed Mortar (Slurry bond coat made from LATICRETE 254 Platinum (white) required for bonded mortar bed installations on horizontal surfaces). Dry or dusty concrete or masonry surfaces shall be wet down or washed and excess water removed just prior to the application of the leveling mortar, render, screed or thin brick adhesive. Allow all leveling mortars to cure for a minimum of 72 hours at 70° F (21° C) prior to the installation of the membrane or the glass tiles. Prepare substrates in order that the adhesive mortar will only be built up to a maximum thickness of 1/8" (3 mm).

EXPANSION AND CONTROL JOINTS

Existing joints in subsurface must be carried through the tile work and shall conform to architectural details. Expansion joints shall be installed where tile abuts restraining surfaces, such as perimeter walls, curbs, columns, corners, etc. Expansion joints shall be installed at all "changes of plane" in the tile work. Refer to Tile Council of North America (TCNA) Detail EJ-171 (Current Year) for industry recommendations.

INSTALLATION OF ANTI-FRACTURE MEMBRANE

Anti-Fracture Membrane is installed before tile is installed over all hairline cracks and entire field area of surfaces to receive new tile work and shall be allowed to cure for a minimum of 24 hours at 70°F (21° C) prior to the application of LATICRETE 254 Platinum (white).

MIXING

Mix according to printed product instructions included with each product package. Mix only long enough to wet out the batch. Do not over-mix.

INSTALLATION OF TILE BY THE THIN BED METHOD

Apply LATICRETE® 254 Platinum (white) with the flat side of a notched trowel using a scraping motion to work the adhesive into good contact with the substrate. Next, apply LATICRETE 254 Platinum (white) to the surface to be tiled with the notched side of a 3/16" square notch trowel or a 3/16" x 5/32" v-notch trowel - ensure the notch trowel size selected provides full coverage to the backs of the glass tiles. Next, knock down the trowel ridges to create a flat mortar surface. Do not apply the thin-bed mortar in excess of 1/8" (3 mm). In addition, LATICRETE 254 Platinum (white) shall be applied to the backside of each piece of tile (or sheets) with the flat side of the trowel immediately before placement into the fresh thin-bed adhesive on the substrate. (NOTE: The backs of the glass tiles shall be wiped clean with a damp sponge and then dried to ensure that no standing water or dampness is present on the backs of the tiles before application of the thin-set mortar to the backs of the tiles.) Apply only as much adhesive as can be covered within 10-15 minutes, or while the adhesive surface is still wet and tacky. The tile shall then be set in place to insure 100% full bedding and a true surface. Tiles shall be aligned to show uniform joints and then allowed to set until firm - minimum of 24 hours at 70° F (21° C).

GROUTING AND POINTING JOINTS:

Grouting of the tiles can be accomplished once the installation mortar has become firm. Material for grouting glass tiles that will not scratch from sanded grouts shall be LATICRETE® SpectraLOCK® PRO Grout or LATICRETE 1500 Sanded Grout gauged with LATICRETE 1776 Grout Enhancer. LATICRETE 1600 Unsanded Grout gauged with LATICRETE 1776 Grout Enhancer shall be used for glass tiles that may potentially scratch from sanded grouts. Joints shall be packed full and free of all voids and pits. Excess grout shall be cleaned from the surface as the work progresses, while grout is fresh and before it hardens. Clean residual epoxy grout and cement grout films from the surface of the glass tiles the same day of installation using a neutral Ph detergent and water solution.

PROTECTION

The contractor shall take precautions to protect the finished work from damage by other trades. Do not allow construction traffic on fresh grout joints. Allow the grout to cure for a minimum of 7 days at 70° F (21° C) before aggressive cleaning.

Cold Weather Note: The curing of tile installation mortars, adhesives & grouts is retarded by low temperatures and finished work should be protected for an extended period of time.

Wet Area Note: When using LATICRETE latex fortified cement grout allow tile work in wet areas such as swimming pools, fountains & showers to cure for 14 days at 70° F (21° C) before exposing to immersion. When using LATICRETE SpectraLOCK PRO Grout allow tile work in wet areas such as swimming pools, fountains & showers to cure for 10 days at 70° F (21° C) before exposing to immersion.

LATICRETE Technical Services provides review of job specifications and plans, project detail planning and review, and provides answers to questions concerning the installation of ceramic tile, brick, marble and stone. Call toll free USA +1 (203) 393-0010. Fax: USA 1 (203) 393-1684. Internet: www.LATICRETE.com. To obtain a copy of detailed product information, most recent revisions of LATICRETE data sheets, and installation questions, E-mail: support@LATICRETE.com or call (800) 243-4788 x.235.

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