Technical Bulletin # 125

RE: Net Mounted Glass Tile Installation

DATE REVISED: January 14, 2005

NOTES TO SPECIFIER:

1. Specify C-Cure ThinSet 911 Portland Cement Mortar gauged with PST 948 Flexible Acrylic Latex Admixture for the installation of Net Mounted Glass tile over most types of properly prepared substrates including poured in place concrete, tilt-up concrete, concrete block, masonry, Portland cement backerboard, and Portland cement Mud Bed.

2. Mud bed shall be gauged with C-Cure CureCrylic 938 Acrylic Latex Admixture for exterior installations.

3. Do not specify this system over OSB, particle board, chipboard, Luan plywood, masonite, wicking paper, asbestos board, gypsum based patching and leveling compounds and similar unstable materials which are not suitable substrates to receive tile.

4. Consult Tile Council of America Handbook for Ceramic Tile Installation for correct method of installation for given situations.

5. Back buttering of glass tile is recommended.

6. For swimming pool applications, allow tile installation and grout to cure 14 days prior to constant immersion.

7. Insert the following in the concrete section:

A. No sealer or curing compound shall be applied to concrete surfaces which are to receive tile. All concrete shall be cured a minimum of 28 days prior to installation of tile.

Concrete surfaces, bonded directly, which are to receive tile shall have a steel troweled and fine broom finish and shall be level and true to a tolerance of 1/4" (6 mm) in 10'0" (3 m) for floors and walls. Pitch floors to drains where required.

B. Concrete substrates requiring filling or patching up to ½" thick are to be repaired with C-Cure ProFinish 989 Latex-Portland Cement Underlayment.

C. For horizontal applications requiring leveling over ½" thick, use mortar mix 5 parts sand and 1 part cement gauged with C-Cure CureCrylic 938 Acrylic Latex Admixture over a screed finish.

D. For vertical concrete substrates requiring a build up or leveling of the concrete between ½" and 1½" average thickness, use WallFloat 953 Portland Cement Mortar Bed gauged with ½ water and ½ C-Cure CureCrylic 938 Acrylic Latex Admixture over a scratch coat.

E. All surfaces to receive tile are to be left clean, free from dust, oil, grease, wax, tar, paint, curing agents, sealers, form release agents or any deleterious substance which may reduce or prevent adhesion.

F. The general contractor shall be responsible for the removal of all such contaminants prior to the commencement of the tile installation work.

8. If the substrate is different than concrete or if additional installation materials are required (such as waterproofing, substrate preparation materials, expansion joint materials or sealers) insert the appropriate ANSI standard for that material in the Quality Assurance Paragraph, 1.4.

9. This is a suggested specification for the materials named above. It remains the responsibility of the architect or engineer to ascertain appropriateness for a given job.

If you require further assistance or additional information please contact your local C-Cure Affiliate or Technical Services Department at 800-895-2874.

Technical Bulletin #125 TB0105

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