



NATIONAL TERRAZZO & MOSAIC ASSOCIATION

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SUGGESTED PROCEDURES FOR PREPARATION OF CONCRETE FOR EPOXY TERRAZZO SYSTEMS

New concrete surfaces to receive a resinous type thin-set terrazzo or industrial floor system shall have a light steel trowel finish. Before starting work, shot blast or aggressively abrade/roughen the surface per manufacturer's recommendations.

With a terrazzo thickness of 1/4 inch to 1/2 inch to be applied, it is necessary to create any pitch desired for slope requirements in the substrate.

If flatness of the surface is a priority, the substrate should not exceed 1/4 inch flatness tolerance in a 10 ft. span. If the slab exceeds this condition, it is suggested that these facts be submitted in writing to the general contractor and architect before commencement of application. Written approval from these sources is required before proceeding.

New concrete shall not be cured with a chemical agent and shall have a cure of at least 28 days when a resin thin-set is being applied. In renovation work, all residual grease, oil and other foreign matter shall be removed. Then vacuum blast, shot blast or scarify the slab.

Check- on- grade slabs for moisture vapor transmission (MVT) before starting installation. If present, bring to the attention, in writing, of all parties concerned, including your resin supplier.

Substrate cracks should be charted and brought to the attention of all concerned, indicating that such slab defects can reflect into the finished surface.

When faced with such defects that would hinder the performance of the terrazzo floor, suggest use of a crack isolation membrane. This involves labor and material costs to others. It should be understood that employing such procedures will not assure that any or all substrate defects will not surface because these are strictly precautionary measures.

REPAIRS

All cracks shall be reported in writing to the general contractor and architect before installation commences. Cracks should be repaired by others according to approved trade practices.

Patching and leveling of the slab shall be made using materials that are compatible with terrazzo topping materials before proceeding with the installation.

Note: The flatness tolerance of 1/4 inch in a 10 ft. span shall be determined by the following method:

Place a 10 ft. straightedge anywhere on the surface. At no point should the gap between the straightedge and the surface exceed 1/4 inch.

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