



# NATIONAL TERRAZZO & MOSAIC ASSOCIATION

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## Fine Aggregate in Epoxy Terrazzo

If using #0 or finer aggregates, the NTMA generally recommends a maximum of 50 percent in the terrazzo mix design.

Epoxy terrazzo installations where other than the traditional sizes and proportions of aggregates have been used, may result in less than satisfactory results. When using more than 50 percent #0, or finer size aggregate, pinholes are unavoidable beyond what would be normally be acceptable in a terrazzo floor. The pinholes will not only be highly visible in ordinary light but in a light color matrix these will fill with dirt and be easily visible.

It is very difficult to achieve color uniformity, especially in larger panels particularly with extensive use of clear glass, where disparate batch mixes abut with a fine line but distinct delineations. A contrast of multiple colors of fine aggregates is preferred over one-color aggregate. The use of a small amount of a dark color aggregate can make these issues less pronounced.

The liberal use of trowel lubes can also exacerbate the color disparities of batches within a panel of divider strips.

The result normally appears more like a monochromatic floor, except having no pigmented topcoat to camouflage the inherent imperfections in the terrazzo.

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