



NATIONAL TERRAZZO & MOSAIC ASSOCIATION

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FILL UNDER EPOXY TERRAZZO

In many cases, there is a need for fill material under epoxy terrazzo to bring the subfloor to the proper elevation. The NTMA recommends a blend of epoxy resin and hard aggregates such as sand, marble chips and pea gravel. The exact blend or ratio of products will depend on the depth of the fill. Consult with the epoxy manufacturer to get a recommended blend and aggregate loading.

These blends will produce the best in properties such as compressive strength, tensile strength, and flexural strength. Epoxy will cure faster resulting in a shorter downtime than cement. In addition, no moisture needs to leave the system.

Joints in the concrete should be referenced through the fill material. This can be accomplished using a temporary partition or by marking the existing joint, installing the fill and saw cutting through the fill.

CAVEAT: Epoxy has very good water resistance if the water remains on the surface. However, water that enters the composite will cause the very thin coating surrounding the aggregate particle to swell and lose integrity. Cracking, swelling and loss of adhesive properties may occur. Fill materials that have been subjected to water infiltration are subject to removal.

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