



NATIONAL TERRAZZO & MOSAIC ASSOCIATION

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800.323.9736

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EPOXY TOPPING WITH CEMENT UNDER-BED

The industry has met with demands for an increase in the availability of deeper colors than those normally available in cement terrazzo. The recommended 2% maximum of color pigment in a 94# bag of Portland cement does not create the deep color saturation that may be desired.

With Portland cement colors having limitations, it is now possible to use an epoxy topping with its unlimited colors successfully over a cement under-bed. This can sometimes be within a 3-to-5-day period after placement of the underbed.

It is essential to perform a calcium chloride and/or deep probes RH test to assure that the under-bed has cured sufficiently to allow the placement of the epoxy terrazzo topping. A moisture control system is usually recommended. It may be necessary to consult the epoxy supplier for their requirements.

When using only a part of this floor system with epoxy binder, place the epoxy first wherever marble chips/cement is used. This system is to be used with logos, inserts or small areas for the epoxy portion. Full coverage of the under-bed with the epoxy is not recommended. Place the under-bed up to the normal $\frac{3}{8}$ inch depression while holding the cement type material at the $\frac{1}{8}$ inch thickness

In the grinding process, the grinding procedure is the same as the conventional terrazzo systems. When wet grinding, measures must be taken to avoid wetting of the terrazzo under-bed from introducing excessive moisture. The grouting is required to use an epoxy grout on the resin sections and the cement on the conventional areas. Polish as usual.

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