



# NATIONAL TERRAZZO & MOSAIC ASSOCIATION

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## EPOXY TERRAZZO OVER CONCRETE SUPPORTED BY A METAL DECK

### DEFLECTION CRACKS

It is common to discover during the preparation of the substrate that the surface has a series of deflection cracks that develop after the placement of the concrete. The terrazzo contractor is responsible for inspecting the surface to be covered. They need to alert the general contractor in writing about any defects that would hinder the terrazzo's performance. Terrazzo installation should begin only after the defects have been corrected by others. Ignoring this could result in such cracks mirroring to the terrazzo surface.

### TREATING DEFLECTION CRACKS

Although there are proven methods for overcoming most cracks from reflecting, it is a precautionary measure and cannot absolutely guarantee prevention. An additional cost will be incurred for this procedure unless a flexible isolation membrane has already been specified and included in the bid of the system.

The flexible liquid membrane system is optionally applied over the entire surface approximately 40 mil in thickness.

If there are only a few deflection cracks, it is commonly recommended that each crack be isolated and treated independently. The liquid membrane would be applied over the crack. The epoxy terrazzo system supplier should recommend the most suitable flexible liquid membrane to ensure undivided, single source responsibility.

Follow the epoxy formulator's recommendations for priming.

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