



NATIONAL TERRAZZO & MOSAIC ASSOCIATION

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TECHNICAL BULLETIN #T-22

8/13

(Formerly TB#97)

TERRAZZO FOR ELEVATOR CABS

Epoxy terrazzo offers a system that can be used for elevator cabs; cement systems may not accommodate the abuse/stresses of the movement anticipated. Consider the following when using epoxy terrazzo.

1. The epoxy terrazzo must be 3/8-inch in thickness.
2. We do not recommend using a coved vertical epoxy terrazzo base in such cabs. If straight base without a cove is desired, it should be separated from the floor by a flexible caulked joint.
3. Exterior grade plywood at least 3/4-inch thick—the 1-1/4-inch-thick tongue/groove board is even better—which in turn should be firmly attached to the metal steel deck of the cage. This requires not only a screw attachment, but also an adhesive between the metal and the plywood.
4. Their Association suggests the following plywood placement: The longer joints on the 8 ft. sides that butt adjacent sheets should be spaced 1/8 to 1/4-inch apart; on the 4 ft. side, the space should be 1/16 to 1/8-inch.
5. Once the plywood is anchored, the surface must be sanded to remove all foreign matter from the board opening the pores of the wood.
6. All joints must be filled with an epoxy and a 4-inch-wide band of liquid epoxy membrane and fiberglass mesh placed over each joint.
7. Depending on the size of the cab, angle divider strips can be positioned and anchored to the plywood with the epoxy material. The use of dividing strips is optional, as these strips are not necessary in this system.
8. The epoxy terrazzo is placed in the color of your choice and finished in the normal way.
9. Alternatively, large panels of precast epoxy terrazzo may be poured and finished in a shop and set with an epoxy thin-bed mortar.

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