



NATIONAL TERRAZZO & MOSAIC ASSOCIATION

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RELEASE OF TRAPPED MOISTURE FROM A CONCRETE SUBSTRATE COVERED WITH EPOXY TERRAZZO

Drill 1/4 inch or larger holes through the terrazzo topping and penetrate the substrate 1/2 to 1 inch in depth. It is suggested that these holes be positioned about 8 to 12 inches apart. This distance would depend on the existing conditions.

Clean all debris from these holes.

Allow holes to vent for several days to permit moisture to escape or evaporate. Increasing air circulation and/or heat will speed the process.

When the trapped moisture has dissipated, proceed with the following:

Use breathable tile grout to closely match the matrix color or blend a combination of the following:

1 part Portland Cement Type 1 (Color to match original floor matrix color)

3 parts fine mason or white silica sand

The liquid ratio should contain water, acrylic or latex additive.

The composition should be blended and forced into the drill holes. On the surface of each hole, a marble chip that has been used in the original floor system should be positioned according to trade practice. Once this material has hardened, grind or sand each marble chip flush with the floor surface. Seal the surface with an acrylic-type sealer,

Each filled hole can often allow vapor accumulation to be relieved through the permeable grouting material.

While used successfully in certain situations, this process is not an absolute remedy for conditions of excessive moisture entrapment or transmission.

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