



POLYACRYLATE

Description

A nominal 3/8" thick polymer modified cement matrix veneer placed upon a provided level concrete slab. Polymer provides strength to allow for thinner applications of cementitious systems.

Advantages

Fast installation and moderate price range make it ideal to replace vinyl or carpet without depth transition difficulties; also good to use in areas subject to moisture vapor transmission where Epoxy terrazzo or other non-breathing floors will not adhere.

Thickness

Nominal 3/8" polyacrylate with terrazzo topping. Chip sizes 0, 1 and 2.

Weight

4.5 lbs. PSF.

Dividers

Most systems adhere to the concrete and require dividers to be placed precisely above any concrete joints. To prevent the concrete from cracking and therefore the terrazzo, "ACI 302.1 R.89 Concrete Joint Placement" must be followed. Some of these requirements include: Concrete joints should occur a maximum of three times in feet the depth of the concrete in inches. (Example: A 4 inch slab should have concrete joints at a maximum spacing of 12 feet). Concrete joints should run off all corridor intersections and corners. They should not be spaced more than 1.5 times the width of the concrete pour. (Example: A 6 foot wide corridor should have concrete joints at a maximum of 9 feet.)

In addition other dividers can be set to separate colors or as an accent themselves. In these systems the dividers not located over concrete joints are strictly decorative. They do not function as leveling devices or as crack prevention.

Dividers vary in width from 18-gauge to 1/2-inch. 16-gauge or 1.8-inch are standards. Zinc is standard but brass and colored plastic are readily available.

Architects should design structural inset expansion plates between areas where major movement is anticipated.

Note: The standard finish on terrazzo is an 80 grit carborundum polish. When used in conjunction with a U/L listed "slip resistant" sealer this provides a 0.6 anti-slip coefficient of friction. Higher polish grits that tend to deepen and darken the aggregates are available