



COMPARISON BETWEEN CEMENTITIOUS AND EPOXY TERRAZZO

CRITERIA	CEMENTITIOUS TERRAZZO	EPOXY TERRAZZO	ADVANTAGE
Panel Size and Cracking	Panel sizes of a maximum of 1.5 metres x 1.5 metres are recommended. For larger panels, base and site conditions become extremely critical and chances of failure increase exponentially.	Very large panel sizes or seamless flooring possible.	Epoxy
Speed of Installation	Slightly longer period of 5-6 days required for curing and grouting. Longer grinding process.	Grinding and polishing can be commenced next day of casting. Shorter grinding process, less grinding slurry.	Epoxy
Colour Availability	Best with whites, earthen tones and Iron-oxide colours.	Possible to achieve very bright colours. Possible to develop all RAL shades.	Epoxy
UV Stability	Very stable.	Not very stable. Stability enhancement possible, but cannot guarantee long term performance under continuous UV exposure.	Cementitious
Look and Feel	Most natural feel, this is the main clincher for the Polyacrylic terrazzo.	Some people may find the feel slightly plastic and wavy.	Cementitious
Gloss Level	Highest gloss level possible by grinding.	Gloss level is also a function of the coating.	Cementitious
Thickness of Material	Thickness is 20 mm.	Thickness ranges from 8 mm to 10 mm.	Epoxy
Environment Friendly	The binders are not as hazardous.	Binders need to be handled very carefully. Typically contain small percentage of carcinogenic ingredients.	Cementitious
Stain Resistance and Ease of Cleaning	Effective sealants required.	Naturally better resistant to stain and chemicals.	Epoxy

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Requirement of Active Vapour Barrier	Can be installed as a breathable floor- in areas subject to slight humidity.	Material will not tolerate vapor from negative side. Effective vapor barrier is essential.	Cementitious
Cost	Lower.	Higher, Consider a difference of approximately Rs. 100/- per sq.ft. in materials. Against that material is less sensitive to worker skills and site conditions. Speed of work is quicker.	Cementitious
Aggregate use of Metal, MOP	Oxidising Metals not recommended for use as aggregates or inserts.	Metals are possible to use as dividers or inserts.	Epoxy
Rustic, Acid Wash Finishes	Possible to achieve rustic, curled, leather and similar finishes.	Difficult to achieve special finishes because of high hardness.	Cementitious
Base Tolerance Affecting Cost	Tolerances in base will affect cost.	Tolerances in base can very highly affect cost.	Cementitious
Chips Sizes	Larger chips sizes possible to use as system thickness can be higher.	Chips larger than 6 mm are not possible to use.	Cementitious



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