

CLEAR CAST

Solvent free, low-yellowing epoxy coating

SAMRATTM



Before



After



Samrat's Clear Cast is a thermal shock resistant, low-yellowing, solvent free system that is widely used to fill and repair all types of stone surface deformities including pinholes, fissures, hair thin cracks and large cracks.

Along with its use as a crack filling resin, **Clear Cast** is also a transparent coating that imparts a slight wet-look to the coated surface, and remarkably improves the post-polish gloss and shine of the coated stone.

Technical Data:

Parameter	Value
Gel Time in Bulk at 25°C (100g Part A + Part B)	~ 40 minutes
Viscosity of Part A at 25°C	12000 – 14000 cP
Viscosity of Part B at 25°C	24 cP
Relative Density of Part A at 25°C	1.17
Relative Density of Part B at 25°C	0.98
Aspect of Part A	Clear Viscous Liquid
Aspect of Part B	Clear Liquid
Aspect of Cured Resin	Transparent Solid
Mixing Ratio (Part A: Part B wt%)	3:1
Shelf Life When Kept Between 15°C - 35°C Ambient Temperature	24 months
Tack-Free at 25°C, 50% Relative Humidity	~ 2 hours
Coverage	28 - 32 m ² /kg
Resting Time Before Polishing at 25°C	24 hours
Yellowing Test, 2000 hours*	Moderate
Accelerated Weathering Test, 2000 hours*	Pass**
VOC Content	Low. EPA Compliant.

*(ISO16474) **No detachment of resin from substrate

Note : Pictures captured under similar lighting

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