

EPOXY RESIN 513

SAMRATTM

Self-levelling clear-coat suitable for any type of stone



Before



After



Samrat's Epoxy Resin 513 is a clear coat that is suitable for any type of stone including Italian stones. It can repair all minor surface defects such as hair-thin cracks, large cracks, pores and fissures. It imparts slight wet-look impression to the coated surface.

Epoxy Resin 513 is self-levelling and therefore can also be used as a Lamination Coating for industrial use, i.e., the surface does not need to be polished once the resin has cured.

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	920 cP at 100 rpm
Viscosity of Part B at 25°C	23 cP
Relative Density of Part A at 25°C	1.14
Relative Density of Part B at 25°C	0.99
Aspect of Part A	Clear Liquid
Aspect of Part B	Clear Liquid
Aspect of Cured Resin	Transparent Solid
Mixing Ratio (Part A: Part B wt%)	2:1
Shelf Life When Kept Between 15°C - 35°C Ambient Temperature	24 months
Tack-Free at 25°C, 50% Relative Humidity	~ 2 hours 30 Minutes
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	Moderate. EPA Compliant.

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

Note : Pictures captured under similar lighting

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