



RUSTBUSTER EM121 EPOXY MASTIC

PRODUCT DESCRIPTION

EM121 is a two-pack surface tolerant high solids epoxy mastic coating which is provided in 1 :1 mixing ratio for easy mixing and reduced wastage.

PRINCIPAL BENEFITS

- Non-porous pure Epoxy primer
- Can be left exposed during the restoration without absorbing moisture.
- Reduced risk of micro-blisters and corrosion

APPLICATION INFORMATION

Product Description	Anticorrosive coating for steel structures. EM121 is suitable for areas with lower quality surface preparation and extended durability is expected.
Colour	Black, Aluminium + 12 Standard Colours
Solids	85%
Theoretical Coverage	8.5 m ² per litre at 100 microns
Application thickness range	Film thickness, dry (µm) 100 – 400 Film thickness, wet (µm) 115 – 445
Dry to Touch	6 hours at 20°C Full cure will be around 7 days
Overcoating Interval	Minimum: 5Hours (if used at 20°C)
Surface preparation	<p>All surfaces should be clean and free from contamination. The surface should be assessed and treated in accordance with ISO 8504.</p> <p>Bare steel Cleanliness: Power tool cleaning to min. St 2, mill scale free (ISO 8501-1:2007). Improved surface treatment (blast cleaning to Sa 2½) will improve the performance. In case of hydrojetting the flash rust degree shall not exceed moderate in SSPC and NACE standards for water prepared surfaces. Shop primed steel Clean, dry and undamaged approved shop primer.</p> <p>Coated surfaces Clean, dry and undamaged compatible primer. Contact Rustbuster office for more information. For maintenance UHPWJ to WJ2 (NACE No.5/SSPC-SP 12) or Power tool cleaning to min. St 2 for rusted areas Other surfaces the coating may be used on other substrates. Please contact Rustbuster for more information.</p>



Directions of Use	<p>Mixing ratio (volume) 1 part by volume Comp. A (Base) to be mixed thoroughly with 1 part by volume, Epoxy Mastic 121 Comp. B (Curing agent).</p> <p>Mixing Mix well and allow to stand (10 min. including mixing). Pot life (23°C) 1½ hours</p> <p>Thinner/ Epoxy Mastic 121 Rustbuster Epoxy Thinner* The temperature of the mixture of base and curing agent is recommended to be at least 15°C, otherwise extra solvent may be required to obtain correct viscosity. * Too much solvent results in lower sag resistance and slower cure. * If extra solvent is necessary, this should be added after mixing of the two components</p>
Cleaning	Use only Rustbuster Epoxy Thinner a maximum thinner required is 20%
Safety	Wear suitable protective clothing, gloves, face mask and eye protection

For health and safety instructions please refer to the separate MSDS