



SOLARMASTIC

CORROSION PROTECTION EPOXY MASTIC COATING

Solarmastic is a surface tollerant two-component aluminium-pigmented, low-stress, high solids epoxy mastic with a proven field history. Solarmastic can be used in conjunction with approved top coats or as an applied finish.

FEATURES/ BENEFITS

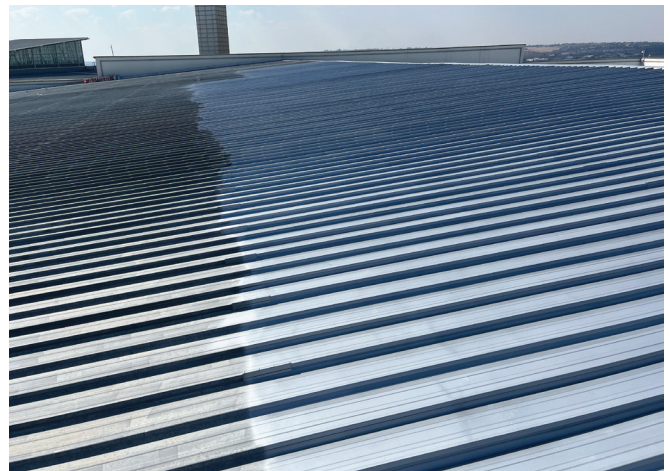
- Excellent performance over minimal surface preparation of steel.
- Unique formulation with aluminium flakes provides exceptional barrier protection.
- Excellent choice for field touch-up of zinc rich primers and galvanised steel.
- VOC compliant to current AIM regulations.

APPLICATIONS

- Solarmastic provides unmatched levels of barrier protection and corrosion resistance over approved existing finishes and rusted metal roof sheeting.

COLOUR

Aluminium. Colour variations within a batch and from batch to batch may occur due to the metallic pigments and variations in application techniques and conditions. Neiter product is colour matched, nor will they match each other.



PERFORMANCE DATA

TEST METHOD	SYSTEM	RESULTS
Flexibility (ASTM D522)	Blasted steel:1 coat Solarmastic	A) Conical – crack 9.65mm, actual elongation 48.57% B) Cylindrical – no cracking observed
Impact Resistance (ADTM G14)	A) Blasted steel:1 coat Solarmastic B) Rusted steel:1 coat Solarmastic	Area damaged: A) 6.35mm B) 6.35 to 14.27mm
Salt Spray (ASTM B117)	Rusted steel:1 coat Solarmastic	No blistering, rusting or softening. No rust creep from scribe.
Taber Abrasion (ASTM 4060)	1 coat Solarmastic	130mg loss; 1000 cycles using CS 17 wheel and 1000gm load.
Water Fog (ASTM D1735)	Rusted steel:1 coat Solarmastic	No blistering or softening. No creep from scribe.

Test reports and additional data available upon written request.



LIMITATIONS

- Not for use under continuous immersion or prolonged (longer than 48 hours) ponding water. Not recommended for areas of high pedestrian traffic.
- Consult Tremco Roofing sales consultant for trafficable or walkway solutions.

PACKAGING

- 10 litre kit

STORAGE

Store indoors. Shelf life is a minimum of 36 months at 25°C, when kept at recommended storage conditions and in original unopened containers.

This product is solvent-based and not affected by excursions below these published storage temperatures, down to -12°C, for a duration of no more than 14 days. Always inspect the product prior to use to make sure it is smooth and homogenous when properly mixed.

- Temperature: 7 to 43°C
- Humidity: 0 to 90%

POT LIFE

- 4 Hours at 25°C – thinned 25%
- 2 Hours at 32°C – thinned 25%
- 2 Hours at 25°C – unthinned
- 1 Hour at 32°C – unthinned

HEALTH AND SAFETY

Read and follow all caution statements on this product data sheet and on the SDS for this product. Employ normal workmanlike safety precautions. Use adequate ventilation. Keep container closed when not in use.