

TECHNICAL DATA SHEET
METALASTIC METAL PROTECTIVE PAINT

TDS: TMG123
428/G123

DESCRIPTION:

Metalastic Metal Protective Paint is a high quality, economical and versatile gloss paint that gives a durable finish. It is suitable for metal, wood and many other surfaces, both inside and out.

RECOMMENDED USE:

Metalastic Metal Protective Paint is ideal for protecting and decorating metal, wood and many other surfaces in factories, warehouses, farm buildings, roofs, barns, oil tanks and general steelwork are amongst the possible applications.

AVAILABILITY:

1 litre, 2.5 litre, 5 litre

FINISH:

Gloss

COLOUR:

White, Mid Brunswick Green, Red Oxide, Pacific Blue, Admiralty Grey, Brilliant Green, P.O. Red, Light Grey. Aluminium also available (A303/6)

TYPICAL S.G. (SPECIFIC GRAVITY):

0.92 to 1.15 @ 20 °C

VOLUME SOLIDS:

43 to 50%

WET FILM THICKNESS W.F.T

70 microns

DRY FILM THICKNESS D.F.T

30 to 35 microns

EXPECTED SPREADING RATE:

14 sq.m / litre
@ 30 to 35 microns D.F.T

The practical spreading rate may be lower as this depends on factors such as the porosity and roughness of the surface to be painted and material losses during application.

TYPICAL VISCOSITY:

4.0 Poise @ 25 °C

FLASH POINT:

Above 32 °C (closed cup)

DRYING TIME: @ RECOMMENDED D.F.T

Touch dry: 4 hours @ 20 °C

Hard dry: 12 hours @ 20 °C

Full hardness: 3 to 5 days @ 20 °C

Low temperature and high humidity will adversely affect application, drying and performance of any coating.

MINIMUM OVERCOATING TIME:

12 hours or overnight

APPLICATION SPECIAL CONDITIONS:

N/A

VOC CONTENT:

499 Max g / litre

VOC's (Volatile Organic Compounds) contribute to atmospheric pollution

APPLICATION DETAILS:

Application N/A
restrictions

Method: Brush or Roller Airless Spray

Thinner Thinner 14 Thinner 14
(Max vol):

Nozzle size: 0.015"

Nozzle 1800 to 2000 psi
pressure:

Cleaning solvent:

For further advice contact Teamac Technical Services on +44(0)1482 320194

The physical constants are subject to normal manufacturing tolerances.

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Recoat interval: 12 hours or overnight

REMARKS:

Metalastic Black Bituminous also available.

SURFACE PREPARATION:

Ensure all surfaces are clean, dry and free from grease, oil and any other contaminants. Bare steel should be free from dust, rust and scale. Blast cleaning to SA 2½ is recommended. If blast cleaning is impractical, mechanical cleaning should be employed as hand cleaning does not clean the steel to the required degree. Any oil or grease should be removed with Teamac Universal Degreaser before de-rusting. Where blast cleaning is carried out after assembly, special attention must be paid to edges, corners, nuts, bolts, welds etc. Welds should, if necessary be ground and all weld spatter, slag etc. must be removed. Existing painted surfaces - Surfaces should be cleaned, degreased and sanded to ensure an adequate "key" is produced. Remove all loose and flaking material and treat bare areas as new substrate and prepare accordingly.

MIXING INSTRUCTIONS:

Stir well before use.

APPLICATION CONDITIONS:

As dictated by normal good painting practice. Care must be taken during application that the temperature is above the dew point to avoid any contamination. In confined spaces, provide adequate ventilation during application and drying.

PRECEDING COAT:

Teamac Wood Primer on wood, Teamac Zinc Phosphate Metal Primer on ferrous metals, All Metals Primer or Mordant Solution and Teamac Zinc Phosphate Metal Primer on galvanised metal. All Metals Primer on Aluminium.

SUBSEQUENT COAT:

One coat may suffice but a second of Metalastic Metal Protective Paint will increase durability.

HEALTH AND SAFETY:

See safety data sheet - All colours - SDS 10647, Aluminium - SDS 10671

ISSUED:

12 November 2013

REVISION:

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The information given in this data sheet is based on experience and is accurate to the best of our knowledge. No guarantee should be implied, however, as the conditions of use are beyond our control. This data sheet does not constitute a specification. In case of doubt as to the suitability of the product please contact our Technical Service Department on 01482 320194.

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