

TECHNICAL DATA SHEET

TDS: TMF167
421/F167

MICACEOUS IRON OXIDE

DESCRIPTION:

Teamac Micaceous Iron Oxide is an anti-corrosive protective paint for steel. Can be overcoated or left as a finish.

RECOMMENDED USE:

Teamac Micaceous Iron Oxide is used for the protection of structural steel.

AVAILABILITY:

5 litre

FINISH:

Matt metallic

COLOUR:

Grey (Silver Grey / Aluminium finish); Natural (Dark Grey finish)

TYPICAL S.G. (SPECIFIC GRAVITY):

1.3 @ 20 °C

VOLUME SOLIDS:

See remark

WET FILM THICKNESS W.F.T

30 to 60 microns

DRY FILM THICKNESS D.F.T

20 to 40 microns

EXPECTED SPREADING RATE:

6 to 8 sq.m / litre
@ 20 to 40 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:

3 to 4 Poise - C&P @ 25 °C

FLASH POINT:

Above 32 °C (closed cup)

DRYING TIME: @ RECOMMENDED D.F.T

Touch dry: 2 to 4 hours @ 20 °C

Hard dry: 16 to 2 hours @ 20 °C
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Full hardness: 7 to 10 days @ 20 °C

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

MINIMUM OVERCOATING TIME:

Min 16 hours - Max 10 days

APPLICATION SPECIAL CONDITIONS:

N/A

VOC CONTENT:

400 max g / litre

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

APPLICATION DETAILS:

Application N/A
restrictions

Method: Brush or Roller

Thinner N/A N/A
(Max vol):

Nozzle size: N/A

Nozzle N/A
pressure:

Cleaning Thinner 14
solvent:

Recoat Min 16 hours -
interval: Max 10 days

SURFACE PREPARATION:

Ensure all surfaces are clean, dry and free from

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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grease, oil and any other contaminates. 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.

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.

MIXING INSTRUCTIONS:

Stir well before use - DO NOT THIN.

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 Zinc Rich or Teamac Zinc Phosphate Primer.

SUBSEQUENT COAT:

Suitable topcoat including Teamac Marine Gloss, Teamac Metalcote. Can be left as a finishing coat.

REMARKS:

75% total weight solids.

HEALTH AND SAFETY:

See safety data sheet - SDS 10679

ISSUED:

12 November 2013

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