

TECHNICAL DATA SHEET
TEAMAC QD ZINC PHOSPHATE PRIMER

TDS: TMP219
515/P219

DESCRIPTION:

Teamac QD Zinc Phosphate Primer is a high build, high performance quick drying metal primer. It has excellent anti-corrosive

RECOMMENDED USE:

Teamac QD Zinc Phosphate Primer is used as an anti-corrosive primer on iron and steel where rapid coating and finishing is required. Ideal in coastal areas.

AVAILABILITY:

5 litre, 20 litre

FINISH:

Semi-matt

COLOUR:

Red, Grey

TYPICAL S.G. (SPECIFIC GRAVITY):

1.5 @ 20 °C

VOLUME SOLIDS:

56%

WET FILM THICKNESS W.F.T

100 to 180 microns

DRY FILM THICKNESS D.F.T

56 to 100 microns

EXPECTED SPREADING RATE:

10 sq.m / litre

@ 56 microns DFT

5.5 sq.m / litre

@ 100 microns DFT

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:

2.2 to 2.5 Poise - C&P @ 25 °C

FLASH POINT:

25 °C (closed cup)

DRYING TIME: @ RECOMMENDED D.F.T

Touch dry: 15 to 30 mins @ 20 °C

Hard dry: 6 hours @ 20 °C

Full hardness: N/A

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

MINIMUM OVERCOATING TIME:

4 hours

APPLICATION SPECIAL CONDITIONS:

VOC CONTENT:

382 g / litre

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

APPLICATION DETAILS:

Application N/A restrictions

Method: Airless Spray

Thinner Thinner 16
(Max vol): (10%)

Nozzle size: 0.017" - 0.021"

Nozzle 1800 to 2000 psi
pressure:

Cleaning Thinner 16
solvent:

Recoat 4 hours
interval:

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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TEAMAC QD ZINC PHOSPHATE PRIMER**515/P219****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.

MIXING INSTRUCTIONS:

Mix 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:

N/A

SUBSEQUENT COAT:

Suitable topcoat, e.g Teamac Rapidry Gloss

REMARKS:**ISSUED:**

25 June 2020

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.

HEALTH AND SAFETY:

For red see safety data sheet - SDS 10848, for grey see safety data sheet - SDS 10849.

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