

TECHNICAL DATA SHEET

WATER BASED ALL METALS PRIMER

TDS: TMW201
516/W201/ALL

DESCRIPTION:

Teamac Water Based All Metals Primer is a water thinnable acrylic metals primer which has very good anti-corrosive properties.

RECOMMENDED USE:

Teamac Water Based All Metals Primer is a general purpose metals primer, suitable for priming most metals including iron, steel, aluminium, brass, copper and more.

AVAILABILITY:

0.5 litre, 1 litre, 2.5 litre

FINISH:

Matt

COLOUR:

Red, Grey, White

TYPICAL S.G. (SPECIFIC GRAVITY):

1.15 @ 20 °C

VOLUME SOLIDS:

27%

WET FILM THICKNESS W.F.T

85 microns

DRY FILM THICKNESS D.F.T

20 to 25 microns

EXPECTED SPREADING RATE:

12 sq.m / litre

@ 25 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:

2.7 Poise @ 25 °C

FLASH POINT:

Non-flammable

DRYING TIME: @ RECOMMENDED D.F.T

Touch dry: 1.5 hours @ 20 °C

Hard dry: 4 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:

6 hours

APPLICATION SPECIAL CONDITIONS:

N/A

VOC CONTENT:

Max 47 g / litre

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

APPLICATION DETAILS:

Application Do not apply below 7 °C. restrictions

Method: Brush or roller Airless spray

Thinner Clean Water Clean Water (5%)
(Max vol): (5%)

Nozzle size: 0.015"

Nozzle pressure: 1800 to 2000 psi

Cleaning solvent: Water

Recoat interval: 6 hours

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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TEAMAC

Lockwood Street, Hull HU2 0HN

Tel.: +44(0)1482 320194. Fax: +44(0)1482 219266

Email: info@teamac.co.uk

www.teamac.co.uk

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 Coovar 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:

Do not paint when temperature will be at or below 7 °C during the painting and drying process.

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 including Teamac Marine Gloss, Teamac Metalcote etc.

REMARKS:

Do not paint when temperature will be at or below 7 °C during the painting and drying process.

HEALTH AND SAFETY:

See safety data sheet - SDS 11143

ISSUED:

23 April 2012

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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