

TECHNICAL DATA SHEET

TDS: TMG115

METALCOTE PLANT ENAMEL

401/G115/ALL

DESCRIPTION:

Teamac Metalcote Paint Enamel is a tough, flexible enamel paint with an attractive high gloss finish and excellent durability. It has good resistance to lubricating and mineral oils, many common industrial chemicals and heat.

RECOMMENDED USE:

Teamac Metalcote Paint Enamel is ideal for use on all types of machinery including tractors.

AVAILABILITY:

1 litre, 2.5 litre, 5 litre

FINISH:

Gloss

COLOUR:

See Teamac Industrial and Agricultural colour options card or call technical service for details. Special colours to order - RAL, BS381c and BS4800. House colours available if required.

TYPICAL S.G. (SPECIFIC GRAVITY):

0.91 to 1.08 @ 20 °C

VOLUME SOLIDS:

Approx 35%

WET FILM THICKNESS W.F.T

85 microns

DRY FILM THICKNESS D.F.T

35 to 40 microns

EXPECTED SPREADING RATE:

12 sq.m / litre

@ 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:

3.0 Poise @ 25 °C

FLASH POINT:

Above 32 °C (closed cup)

DRYING TIME: @ RECOMMENDED D.F.T

Touch dry: 2 hours @ 20 °C

Hard dry: 8 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:

8 hours or overnight

APPLICATION SPECIAL CONDITIONS:

N/A

VOC CONTENT:

Max 550 g / litre

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

APPLICATION DETAILS:

Application N/A
restrictions

Method: Brush or roller Airless Spray

Thinner (Max vol): Thinners 14 (10%) Thinners 14 (10%)

Nozzle size: 0.011"

Nozzle pressure: 1800 to 2000 psi

Cleaning solvent: Thinners 14

Recoat interval: 8 hours or overnight

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

The physical constants are subject to normal manufacturing tolerances.

"COVERING OUR CUSTOMERS' NEEDS SINCE 1908"

TEAMAC

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METALCOTE PLANT ENAMEL**401/G115/ALL****SURFACE PREPARATION:**

All surfaces should be clean, dry, sound and free from contaminants.

Existing painted surfaces should be cleaned, degreased and sanded to ensure an adequate "key" is produced. Remove all loose, flaking material and treat bare areas as new substrate then prepare accordingly.

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:

Teamac Metalcote Undercoat.

SUBSEQUENT COAT:

Teamac Metalcote Plant Enamel.

REMARKS:**ISSUED:**

20 May 2010

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:

See safety data sheet - White - SDS 10719, Black - SDS 10720, Reds and Maroons - SDS 10723, Deutz Silver - SDS 11005, Lead Chrome Yellows (Professional use only) - SDS 10722, All other Lead Chrome free colours - SDS 10721. TAL, TBL and TDL tinting bases - SDS 11071, Tyel and Tred tinting bases - SDS 11072

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