

**TECHNICAL DATA SHEET**  
**METALCOTE PRIMER UNDERCOAT**

TDS: TMF158A  
**405/F158/ALL C**

**DESCRIPTION:**

Teamac Metalcote Primer Undercoat is an interior and exterior, oil based undercoat. It is a high opacity undercoat with good flow characteristics for use with Teamac Metalcote Enamel. It has been designed to reduce topcoat sinkage and to retain a high gloss finish.

**RECOMMENDED USE:**

Teamac Metalcote Primer Undercoat can be used either as a foundation coating or when a colour change is required.

**AVAILABILITY:**

1 litre, 2.5 litre, 5 litre

**FINISH:**

Matt

**COLOUR:**

White, Black, Grey, Primrose, Buff and Red

**TYPICAL S.G. (SPECIFIC GRAVITY):**

1.35 to 1.53 @ 20 °C

**VOLUME SOLIDS:**

44 to 53%

**WET FILM THICKNESS W.F.T**

35 to 40 microns

**DRY FILM THICKNESS D.F.T**

75 microns

**EXPECTED SPREADING RATE:**

13 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:**

4.5 Poise @ 25 °C

**FLASH POINT:**

Above 32 °C (closed cup)

**DRYING TIME: @ RECOMMENDED D.F.T**

Touch dry: 2 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:**

Max 437 g / litre

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

**APPLICATION DETAILS:**

Application N/A  
restrictions

Method: Brush or roller Airless spray

Thinner Thinners 14 (5%) Thinners 14 (5%)  
(Max vol):

Nozzle size: N/A

Nozzle 1800 to 2000 psi  
pressure:

Cleaning Thinners 14  
solvent:

Recoat 12 hours or  
interval: overnight

**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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**SURFACE PREPARATION:**

All surfaces should be clean, dry, sound and free from contaminants. Wood should be sanded prior to coating to ensure an adequate "key" is produced. Apply direct to abraded GRP. 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.

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:**

Mix well before use.

**APPLICATION CONDITIONS:**

As dictated by normal good painting practice. In confined spaces, provide adequate ventilation during application and drying.

**PRECEDING COAT:**

Direct to wood and GRP, use Teamc Zinc Phosphate Primer on ferrous metals.

**SUBSEQUENT COAT:**

Teamac Metalcote Enamel or any suitable, conventional white spirit based topcoats.

**REMARKS:****HEALTH AND SAFETY:**

See safety data sheet - White - SDS 10606, Light Grey - SDS10591, All other colours - SDS 10430

**ISSUED:**

09 April 2014

**REVISION:**

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