

TECHNICAL DATA SHEET

TDS: TMG1002579

TEAMAC MARINE MATTING AGENT

509/G100/2579

DESCRIPTION:

Teamac Marine Matting Agent is a matting additive that is used with Teamac Marine Gloss to produce a variety of finishes including Matt, Satin or Semi-Gloss.

RECOMMENDED USE:

Teamac Marine Matting Agent is designed to easily mix with Teamac Marine Gloss and can also be used with Teamac Metalcote. Please see the remarks section for usage guidelines and recommended mixing ratios to achieve various gloss level reductions.

AVAILABILITY:

500ml

FINISH:

Matt

COLOUR:

N/A

TYPICAL S.G. (SPECIFIC GRAVITY):

0.98 @ 20 °C

VOLUME SOLIDS:

Approx 50%

WET FILM THICKNESS W.F.T

80 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:

3.5 Poise @ 25 °C

FLASH POINT:

Above 32 °C (closed cup)

DRYING TIME: @ RECOMMENDED D.F.T

Touch dry: 4 hours @ 20 °C

Hard dry: 12 hours @ 20 °C

Full hardness: 5 to 7 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 530 g / litre

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

APPLICATION DETAILS:

Application N/A
restrictions

Method: Brush or roller Airless Spray

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

Nozzle size: 0.011"

Nozzle 1800 to 2000 psi
pressure:

Cleaning Thinner 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.

"COVERING OUR CUSTOMERS' NEEDS SINCE 1908"

TEAMAC

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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:

N/A

SUBSEQUENT COAT:

N/A

REMARKS:

To achieve the required level of gloss reduction the following guideline has been created. It is important to note that the performance of the product will be similar to the original gloss, however, the opacity of the chosen finish will be affected where the Matting Additive is increased and may require multiple coats to achieve full opacity. All reductions are approximate and testing on a non-critical area should be carried out to ensure the required sheen level has been achieved prior to full application. Matt appearance may vary from the original colour.

Recommended guidelines are as follows:

25% addition by volume will achieve around a 35% reduction in gloss,
50% addition by volume will achieve around an 80 to 85% reduction in gloss
75% addition by volume will achieve around a 90 and 95% reduction in gloss.

HEALTH AND SAFETY:

See safety data sheet - SDS 20642

ISSUED:

17 April 2018

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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