



TECHNICAL DATA

PRODUCT: OASIS 8703 MORDANT WASH (DTP NO.155)

Description	:	OASIS 8703 MORDANT WASH		
Material Type	:	Blue mordant solution.		
Recommended Use	:	For application onto galvanized surfaces as a chemical pre-treatment to improve the adhesion of subsequent paint systems. When applied this solution turns bright zinc surfaces black and this colour change can be used as an indicator that the chemical reaction has taken place and the surface is suitable for overcoating.		
Flash Point	:	34°C		
Specific Gravity (Kg/Ltr)	:	0.99 Kg/Litre		
V.O.C.	:	779 gram/Litre		
Colours	:	Blue Solution.		
Pack Size	:	5 Litre Polythene bottle.		
Shelf Life	:	Minimum 2 years		
Package	:	Single Component Material		
Theoretical Spread Rate (m ² /Ltr)	:	27.6 m ² /Litre		
Drying Time @ temperature	:	15°C	23°C	35°C
To Touch	:	1 ½ hours	1 Hours	45 minutes
To Overcoat (Minimum)	:	3 hours	2 hours	1 ½ hours

These figures are given as a guide only. Factors such as air movement and humidity must also be considered.

Cleanser or Thinner	:	Water		
Recommended Top Coats	:	Oasis 8267 MIO Finish Oasis GI 8539 Coating for Galvanizing. Topcoats must be applied within a maximum of 2 days after application of Oasis 8703 Mordant Wash.		
Application Methods	:	Brush		

SAFETY, HEALTH & ENVIRONMENTAL INFORMATION (READ THIS SECTION BEFORE USE) SOLVENT BASED PAINT PRODUCT

- Flammable. Keep away from sources of ignition. Do not smoke.
- Work only in areas of good ventilation. When used indoors always keep doors and windows fully open during application and drying. When applying for short periods only, a suitable cartridge mask may be worn provided the filter is changed regularly. All respiratory equipment must be suitable for the purpose and meet an appropriate standard approved by the HSE. Refer to your COSSH Assessment.
- When applying paint it is advisable to wear suitable eye protection. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
Remove splashes from skin : use soap and water or a recognised skin cleaner.
- Keep container tightly closed and keep out of reach of children. Do not use or store by hanging on a hook. Do not empty into wadis, drains or watercourses.
- Contains no added mercury.

*This data is subject to change without notice. Please ensure you have the latest copy by checking with our Customer Service Department.

April 2016
Issue 1: Revision:1



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APPLICATION DATA

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SURFACE PREPARATION

Degrease in accordance with SSPC-SP1 solvent cleaning. Weathered galvanizing should be abraded to remove the passivated surface. Where galvanizing has been exposed and zinc salt formation has occurred, the surface should be washed down with clean, fresh water to remove any soluble salts, then allowed to dry before application of this product.

APPLICATION CONDITIONS AND OVERCOATING:

Apply an even, flowing coat by brush and allow to dry. If the zinc surface fails to turn black this indicates that the pre-treatment has not been effective. This may be due to the galvanized surface being contaminated with grease, flux or other contaminants or to the presence of anti white rust or wet storage stain treatment.

Before reapplying mordant solution, it will be necessary to remove any unreacted mordant solution and contaminants by solvent washing and abrading the surface.

Over Application of mordant solution must be avoided as this results in a dense black powdery surface and in extreme cases there is a possibility of metallic copper plating out on the surface which will adversely affect the adhesion of subsequent coatings. For this reason, method of application in which the applied thickness may be difficult to control e.g. dip or spray, are not recommended. In any case if there is any possibility of excess 8703 pooling on galvanizes surface, this must be removed by fresh water washing.

The mordant pre-treated surface should be overcoated before any contamination can occur, and in exterior weather conditions within a maximum of 2 days.

For full notes, see data sheet entitled ' Spreading rates and Overcoating Times '.

ADDITIONAL NOTES

Drying times should be considered as a guide only.

The successful painting of galvanized surfaces is specialized area and the choice of painting systems over the mordant pre-treatment is critical. Please consult Al Gurg Paints Technical Centre for advice on the most appropriate paint systems for specific use.

Numeric values are quoted for physical data may vary slightly on individual batches.

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