TECHNICAL DATA

PRODUCT: OASIS NON FERROUS PRIMER

Description	:	**O**asis Non Ferrous Primer is specially developed two pack polyurethane primer for non ferrous substrates like Fiberglass, Aluminium, Galvanised steel, stainless steel, mild steel FRP etc..
Volume Solids (%)	:	44±2
Flash Point	:	Above 25°C
Specific Gravity (Kg/Ltr)	:	1.3 to 1.4 (May vary with shade)
Colours	:	Red Oxide, Grey & White
Pack Size	:	5 litre
Theoretical Spread Rate (m2/Ltr)	:	8.8 m^2/Ltr
@ Dry Film Thickness Microns per coat	:	50 Airless Spay
@ Wet Film Thickness Microns per Coat	:	114 *Spreading rates are calculated and due allowance for loss and wastage should be made.*

Drying Time @ temperature	:	15°C	25°C	35°C
To Touch	:	3 Hrs	2 Hrs	1 Hr
To Overcoat (Minimum)	:	16 Hrs	14 Hrs	12 Hrs

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

Cleanser or Thinner	:	Thinner # 9
Application Notes	:	Ready to use. However depends on site condition, maximum dilution recommended is 10%.
Application Methods	:	Conventional, airless spray, Brush or Roller
Recommended topcoat	:	Oasis non ferrous primer may be over coated with most conventional coatings, chlorinated and acrylated rubbers, vinyls, epoxies and polyurethane paints. To ensure satisfactory intercoat adhesion, overcoating of this product must be under taken within 4 days.
Shelf Life	:	Minimum 1 year
Mixing Ratio	:	5 parts base to 3 parts additive by volume

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.

March 2015
Issue 1: Revision: 2

ISO Certified Company

For further information please contact -
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TECHNICAL DATA

SURFACE PREPARATION:

Prepare surfaces to a minimum standard of St 3 BS 7079: Part A1: 1989 at the time of coating. Ensure surfaces to be coated are dry and free from all traces of surface contaminants.
For application onto stainless steel substrates, the surface should be degreased and where ever practical, blast cleaned to Sa 2½ BS 7079: Part A1: 1989 (ISO 8501-1: 1988).

APPLICATION EQUIPMENT:

Airless Spray

Nozzle Size	0.46mm (18 thou)
Fan Angle	40°
Operating Pressure	155kg/cm² (2200psi)

The airless spray details given above are intended as a guide only. Fluid hose length and diameter, paint temperature and project complexity all have an effect on the choice of spray tip and operating pressure. The operating pressure should be the lowest possible consistent with satisfactory atomisation. As conditions vary, it is the applicators' responsibility to ensure that the equipment in use has been adjusted to give optimum performance. In case of any difficulties or queries, please contact Al Gurg Paints L.L.C.

Conventional Spray

Nozzle Size	1.27mm (50 thou) Atomising
Pressure	2.8kg/cm² (40 psi) Fluid
Pressure	0.4kg/cm² (6 psi)

The conventional spray details given above are intended as a guide only. It may be found that in some circumstances, slight variations in atomising pressure, fluid pressure and alteration of tip arrangements may provide optimum atomisation. For application by conventional spray, thinning with up to 10% Thinner No. 2 may be required. Adjustment for wet film thickness should be allowed. Thinning will affect VOC compliance.

Brush and Roller

The material is suitable for brush and roller application. Application of more than one coat may be required to give the equivalent dry film thickness to one spray applied coat.

APPLICATION CONDITIONS AND OVERCOATING:

In conditions of high relative humidity, i.e. 80-85% good ventilation is essential. Substrate temperature should be at least 3°C above the dew point. At application temperatures below 10°C, drying times w ill be significantly extended and spraying characteristics may be impaired. Application at temperatures below 5°C is not recommended. In order to achieve optimum water and chemical resistance the temperature needs to be maintained above 10ºC whilst curing. For application at elevated temperatures, please see the note below.

ADDITIONAL NOTES:

Drying, curing times should be considered as a guide only. For spraying maximum 5 to 10% dilution is recommended,

Coatings - Tropical Use

To ensure a satisfactory working pot life, the temperature of **O**asis Non Ferrous Primer should not exceed 35ºC at the time of mixing. Thinning the mixed product at any stage will not significantly extend the working pot life. Application outside the working pot life, even if the material appears to be fit for use, may result in inferior adhesion properties. The recommended maximum air and substrate temperature for the application of epoxies is 45ºC, providing that the conditions allow for satisfactory application and film formation. If the air and substrate temperatures exceed 45ºC during application, paint film defects such as dry spray, bubbling and pinholing etc. may occur. Numerical values quoted for physical data may vary slightly on individual batches.

HEALTH AND SAFETY:

Consult Product Health & Safety Data Sheet for information on safe handling and application of this product.

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