

TECHNICAL DATA

PRODUCT: OASISDEK 8339 HI-PROFILE ANTI-SLIP DECK PAINT

Description	:	OASISDEK 8339 HI-PROFILE ANTI-SLIP DECK PAINT		
Material Type	:	A 3-pack epoxy high build deck coating.		
Recommended Use	:	Designed for spray application using suitable equipment (see overleaf) as a high profile anti-slip deck paint. May be applied directly to suitable sound deck coating.		
Volume Solids (%)	:	71 ± 4% (ASTM-D2697-91)		
Flash Point	:	Base: 23°C	Additive : 24°C	
Specific Gravity (Kg/Ltr)	:	1.95 (Mixed) may vary with shade		
V.O.C.	:	250 gms/litre		
Colours	:	Limited range.		
Pack Size	:	10 Litre units when mixed.		
Shelf Life	:	18 Months		
Mixing Ratio	:	1.83 parts base to 1 part additive by volume plus aggregate.		
Theoretical Spread Rate (m ² /Ltr)	:	1.8 m ² /Litre		
@ Dry Film Thickness	:	Spray 400 µm		
@ Wet Film Thickness	:	563 µm		
		<i>Practical experience shows that at a coverage rate of 1.8 m²/Litre, the film thickness achieved meets the requirement of DEF STAN 80-134 Type 2 Flight Deck Specification in a single coat.</i>		
Drying Time @ temperature	:	15°C	23°C	
To Touch	:	6 hours	4 hours	
To Overcoat (Minimum)	:	6 hours	4 hours	
To Handle	:	24 hours	16 hours	
		These figures are given as a guide only. Factors such as air movement and humidity must also be considered.		
Cleanser or Thinner	:	Oasis Thinner No: 5		
Pot Life	:	15°C 6 hours	23°C 4 hours	35°C 2 hours
Resistance To	:	Moisture - Excellent Abrasion - Excellent	Weather - Excellent (Subject to chalking). Petroleum Solvents - Excellent	
Recommended Primer		For Steel: Oasis 8425 Zinc Phosphate Primer Oasis 8984 Zinc Rich Epoxy Primer		
Recommended Topcoats	:	Not normally required other than with itself – consult individual specifications for details. Optimum intercoat adhesion properties will normally be achieved if overcoated within 7 days.		
Application Methods	:	Spray (See Overleaf)		

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.

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APPLICATION DATA

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SURFACE PREPARATION

Ensure surfaces to be coated are dry and free from all traces of surface contaminants

APPLICATION EQUIPMENT

Spray

The recommended spray gun is a sagola 429 / N , with a 6mm tip. Please consult Al Gurg Paints Technical Centre for further advice.

Operating pressure: 2.8Kg/cm² (40psi)

Alternatively, air agitated pressure pot systems (manufactured and supplied by Kremlin Spray Painting Equipment Ltd), have been found to produce satisfactory application of 8339.

Operating pressure (pot): 0.35 – 0.70Kg/cm² (5-10 psi) (tip) : 3.85 – 4.55 Kg/cm² (55-65 psi)
Tip Size 6 -8 mm –Consult Al Gurg Paints Technical Centre.

Due to the textured nature of this material it is recommended that application should be at the stated spread rate.

The details of tip size and pressure are given as a guide only.

Mixing Instructions:

Oasis 8339 is supplied as three components, all packed in a 20 Litre pail viz.

1X5 Litre can containing 4.57 Litre base

1X2.5 Litre can containing 2.5 Litre additive

10.79 Kg aggregate in a plastic bag.

Remove all three components from 20 Litre pail. Return base and additive to 20 Litre pail and stir thoroughly. Continue stirring whilst gradually adding aggregate until a homogeneous mixture is obtained.

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 will 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 10°C whilst curing. For application at elevated temperatures, please see the note below.

To overcoat outside the times stated on the data sheet, please seek the advice of Al Gurg Paints Technical Centre.

For Full Notes, see information sheet entitled 'Spreading Rates and Overcoating Times'.

ADDITIONAL NOTES

Drying, curing times should be considered as a guide only.

The curing reaction of epoxies commences immediately the two components are mixed.

Due to the reaction being temperature dependant, the curing and potlife will be approximately halved by a 10°C increase in temperature and doubled by a 10°C decrease in temperature.

Epoxy Coatings – Colour Stability:

Variable colour stability is a feature of all epoxy materials, which tend to yellow and darken with age particularly when used on internal areas. Owing to this colour change, areas subsequently touched up may be obvious.

When epoxy material are exposed to ultraviolet light, a surface chalking effect will develop. The phenomenon results in the formation of fine powder coating at the coating surface, which gives rise to a colour variation as well as a reduced gloss.

This effect is cosmetic only and in no way detracts from the performance of the product.

Should a full colour stable finish be required, Please follow recommendation in the recommended topcoat section.

Epoxy Coatings - Tropical Use

To ensure a satisfactory working pot life, the temperature of Oasisdek 8339 should not exceed 35°C 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 45°C, providing that the conditions allow for satisfactory application and film formation. If the air and substrate temperatures exceed 45°C 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.

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further information please contact –
AL GURG PAINTS L.L.C
Head Office & Factory – P.O. Box 22334,
Sharjah, U.A.E
Tel : (+971)6-5343919 Fax : (+971)6 343983
E-mail : enquiries@agp.ae
Web : www.aglpuae.com