

TECHNICAL DATA

PRODUCT: OASIS 8630 HYGIENE COATING

Description	:	OASIS 8630 HYGIENE COATING	
Material Type	:	A water based two pack epoxy gloss finish.	
Recommended Use	:	For interior use only , recommended for application to suitably sealed masonry-walls, floors and ceilings. May also be used on new and old concrete as well as previously painted surfaces and suitably primed steel.	
Volume Solids (%)	:	50 ± 3% (ASTM-D2697-91)	
Specific Gravity (Kg/Ltr)	:	1.34 (Mixed) may vary with shade	
V.O.C.	:	None	
Colours	:	White and Limited range of shades	
Pack Size	:	5 Litre units when mixed.	
Shelf Life	:	Minimum 12 months protect from frost.	
Mixing Ratio	:	7.7 parts base to 2.3 part additive by volume.	
Theoretical Spread Rate (m ² /Ltr)	:	6.75 m²/Litre	
		Brush	Roller
@ Dry Film Thickness	:	75 µm	75 µm
@ Wet Film Thickness	:	150 µm	150 µm
		<i>Spreading rates are calculated and due allowance for loss and wastage should be made.</i>	
Drying Time @ temperature	:	15°C	23°C
To Touch	:	6 hours	4 hours
To Overcoat (Minimum)	:	24 hours	24 hours
To Handle	:	24 hours	24 hours
		These figures are given as a guide only. Factors such as air movement and humidity must also be considered.	
Cleanser or Thinner	:	Water	
Pot Life	:	15°C 2 ½ hours	23°C* * Must not be used after these periods. 2 hours
Resistance To	:	Moisture - Excellent Abrasion - Good	Alkali Spillage - Good Petroleum Solvents - Good
Recommended Primers		Steel Substrates:	Oasis 8400HS Epoxy Z. P. Primer/Buildcoat Oasis 8425HS Epoxy Z. P. Primer/Buildcoat
Recommended Topcoats	:	Oasis 8630 Biogard may be self overcoated.	
Application Methods	:	Brush and Roller.	

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

Biogard 8630 can be applied over various substrates, whether previously painted or not. On unpainted substrates, an appropriate primer is needed to ensure maximum adhesion and durability. Please consult Al Gurg Technical Centre for more information.

Treatment of concrete, Render, Plaster, Blockwork and masonry

Ensure surfaces to be coated are dry and free from visual contamination such as oil, grease and dirt. Remove all loose or flaking material to a film substrate.

Concrete floors in good condition should not need any further specialist preparation. Floors in poor condition may require preparation by vacuum blasting or other approved method to provide a sound substrate. For advice. Please consult Al Gurg paints Technical Centre.

Highly absorbent substrates like render and plaster may require an initial coat of 8630 to seal the substrate.

Moisture content of the substrate must not exceed 7% prior to painting for all applications.

Treatment of Steel

Manually prepared surfaces should be prepared to a minimum standard of St.3 BS7079:part A1:1989 at the time of coating.

APPLICATION EQUIPMENT

Brush and Roller

The material is suitable for brush and roller application.

APPLICATION CONDITIONS AND OVERCOATING:

Minimum application 85% good ventilation is essential. At application temperatures should not be below 10°C,

ADDITIONAL NOTES

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

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

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

Substrate temperature should be at least 3 °C above dew point.

Oasis 8630 Hygiene Coating is an impervious non absorbent material, if moisture should penetrate the film as a result of mechanical damage then the epoxy coating is liable to delaminate.

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.

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

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