

TECHNICAL DATA

PRODUCT: OASIS 8205 FLAME RETARDANT EMULSION

Description	:	OASIS 8205 FLAME RETARDANT EMULSION		
Material Type	:	A high quality washable copolymer emulsion paint possessing excellent flame retardancy. Available in matt and Silk finishes.		
Recommended Use	:	For new work and maintenance repainting on interior building surfaces. Has excellent opacity and spread and is capable of providing a solid and uniform finish and minimizes the risk of flame spread in the event fire.		
Volume Solids (%)	:	39% ± 2% (ASTM-D2697-91)		
Specific Gravity (Kg/Ltr)	:	1.51 (May vary with shade)		
V.O.C.	:	27 gram/Litre		
Colours	:	White and selected range of British Standard Colours.		
Pack Size	:	5 Litre units.		
Shelf Life	:	Minimum 2 years		
Package	:	Single Component Material		
Theoretical Spread Rate (m²/Ltr)	:	15.4 m²/Litre		
		Airless Spray	Brush	Roller
@ Dry Film Thickness	:	25 µm	20 µm	20 µm
@ Wet Film Thickness	:	65 µm	50 µm	50 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	:	1 ½ hours	1 Hour	
To Overcoat (Minimum)	:	3 hours	2 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	:	Indefinitely Self Overcoatable.		
Application Methods	:	Airless spray, Brush.		

SAFETY, HEALTH & ENVIRONMENTAL INFORMATION (READ THIS SECTION BEFORE USE)

Water BASED PAINT PRODUCT

- 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

APPLICATION DATA

PRODUCT: OASIS 8205 FLAME RETARDANT EMULSION

SURFACE PREPARATION

This material is suitable for use on most types of building surfaces which are clean and in sound condition including: new and old plaster, concrete and cement rendering, hardboard, wood, brickwork, porous wallboarding or previously painted surfaces.

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

APPLICATION EQUIPMENT

Airless Spray

Nozzle Size	0.46mm (18 thou)
Fan Angle	80°
Operating Pressure	153kg/cm ² (2000psi)

The airless spray details given above are intended as a guide only. Details such as fluid hose length and diameter, paint temperature and job shape and size 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.

Brush or Roller

The material is suitable for brush and roller application.

APPLICATION CONDITIONS AND OVERCOATING:

In conditions of high relative humidity, i.e. 80-85% good ventilation is essential. At relative humidities in excess of 65%. Drying and curing times will be significantly extended.

A minimum temperature of 7°C is required to ensure proper film formation.

The maximum air and substrate temperature for application is 50°C providing conditions allow satisfactory application and film formation.

If the air and substrate temperatures exceed of 50°C and coatings are applied under these conditions, paint film defects such as a dry spray, bubbling and pinholing etc, can occur within the coating.

Relative humidity should not exceed 80% to ensure proper film formation.

The material is not normally recommended for application on metal surfaces but where application to metal is unavoidable (e.g. cover strips, etc.) the metal should be suitably primed.

If it desired to overcoat outside the times stated on the data sheet, please seek the advice of Al Gurg Paints Technical Centre

For Full notes, see data sheet entitled ' Spreading Rates and Overcoating Times'.

ADDITIONAL NOTES

Thinning

This material is supplied ready for use on smooth non-absorbent surfaces. On rough and/or porous surfaces the material should be thinned with water to facilitate application. For spray application the material should be thinned as necessary with water. It is suggested that a trial application should be made at the start of the work to establish in practice the correct amount of thinning of each coat for the particular surface.

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

April 2016
Issue 1: Revision:1