



# TECHNICAL DATA

## PRODUCT: OASIS 8207 FLAME RETARDANT ACRYLIC FINISH

Description	:	OASIS 8207 FLAME RETARDANT ACRYLIC FINISH			
Material Type	:	A single pack solvent based acrylic finish containing top quality pigments. Oasis 8207 has excellent gloss, whiteness, non-yellowing properties, exterior durability and flame retardant properties.			
Recommended Use	:	Recommended for timber, cement and plastered surfaces where a non-yellowing finish is required with flame retardant properties. Flame retardant properties are required to minimize the risk of flame spread in fire.			
Volume Solids (%)	:	45% ± 2% (ASTM-D2697-91)			
Specific Gravity (Kg/Ltr)	:	1.12 (May vary with shade)			
V.O.C.	:	567 gram/Litre			
Colours	:	Limited range.			
Pack Size	:	5 Litre and 20 Litre units.			
Shelf Life	:	Minimum 2 years			
Package	:	Single Component Material			
Theoretical Spread Rate (m <sup>2</sup> /Ltr)	:	<b>18 m<sup>2</sup>/Litre</b>			
		<b>Airless Spray</b>	<b>Conventional Spray</b>	<b>Brush</b>	<b>Roller</b>
@ Dry Film Thickness	:	25 µm	25 µm	25 µm	25 µm
@ Wet Film Thickness	:	56 µm	56 µm	56 µm	56 µm
		<i>Spreading rates are calculated and due allowance for loss and wastage should be made.</i>			
Drying Time @ temperature	:	<b>23°C</b>			
To Touch	:	<b>2 Hours</b>			
To Overcoat (Minimum)	:	<b>8 hours</b>			
To Handle	:	<b>24 hours</b>			
		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: 3			
System Information	:	<b>Non – Yellowing System for Cement or Plaster:</b> 1 Coat Oasis 8207 Flame Retardant Acrylic Finish(thinned 20% with thinner No.3 2 coats Oasis 8207 Flame Retardant Acrylic Finish <b>Non-Yellowing Systems for Woodwork:</b> 1 Coat Oasis 8207 Flame Retardant Acrylic Finish(thinned 20% with thinner No.3 2 coats Oasis 8207 Flame Retardant Acrylic Finish			
Application Methods	:	Airless spray, Conventional Spray, 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

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

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## APPLICATION EQUIPMENT

### Airless Spray

Nozzle Size	0.33mm (13 thou)
Fan Angle	65°
Operating Pressure	155kg/cm <sup>2</sup> (2200psi)

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.

### Conventional Spray

Nozzle Size	1.27mm (50 thou)
Fan Angle	3.5 kg/cm <sup>2</sup> (50psi)
Operating Pressure	0.7 kg/cm <sup>2</sup> (10psi)

This details of atomizing pressure, fluid pressure and nozzle size are given as a guide. It may be found that slight variation of pressure will provide optimum atomization in some circumstances according to the set in use. Atomising air pressure depends on the air cap in use and the fluid pressure depends on the length of line and direction of feed i.e. horizontal or vertical.

For application by conventional spray thin up to 5% with oasis Thinner No: 3 Wet film thickness should be adjusted accordingly.

**N.B.** Thinning will affect VOC compliance.

### Brush or Roller

The material is suitable for brush and roller application.

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## 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 temperature below 5°C is not recommended.

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

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## ADDITIONAL NOTES

### Thinning

This material is somewhat thixotropic for easy brush application. Any skin that may form on the surface of the paint in the container should be removed carefully to avoid the necessity of sieving the batch.

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

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