

# SIGMAZAM FINISH SEMI GLOSS

2 pages

May 2008  
Revision of December 2000

<b>DESCRIPTION</b>	very quick drying semi gloss finish coat based on modified alkyd resins
<b>PRINCIPAL CHARACTERISTICS</b>	<ul style="list-style-type: none"> <li>- top coat in a quick drying alkyd system in atmospheric exposure</li> <li>- good water resistance</li> <li>- good gloss retention</li> <li>- very quick drying.</li> </ul>
<b>COLOURS AND GLOSS</b>	see RAL colour card - semi gloss
<b>BASIC DATA AT 20°C</b>	(1 g/cm <sup>3</sup> = 8.25 lb/US gal; 1 m <sup>2</sup> /l = 40.7 ft <sup>2</sup> /US gal)
Mass density	approx. 1.2g/cm <sup>3</sup>
Volume solids	approx. 42% by volume
Recommended dry film thickness	35 µm
Theoretical spreading rate	approx. 12 m <sup>2</sup> /ltr (53 m <sup>2</sup> /usg) for 35 µm (depending on the nature and condition of the substrate and the application method employed)
Touch dry after	approx. 1 hour
Overcoating interval	min. 6 hours max. no limitation
Shelf life (cool and dry place)	At least 12 months
<b>RECOMMENDED SUBSTRATE CONDITIONS AND TEMPERATURES</b>	<ul style="list-style-type: none"> <li>- steel; primed with compatible primer f.i. 0606 Sigmazam AFD Primer, dry and free from any contamination</li> <li>- substrate temperature should be above 5°C and at least 3°C above dew point</li> </ul>
<b>INSTRUCTIONS FOR USE</b>	<ul style="list-style-type: none"> <li>- stir well before use.</li> <li>- the temperature of the paint should preferably be above 15°C, otherwise extra thinner may be required to obtain application viscosity</li> <li>- too much solvent results in reduced sag resistance</li> <li>- adequate ventilation must be maintained during application and curing (please refer to sheet 1433 and 1434)</li> </ul>
<b>AIRLESS SPRAY</b>	
Recommended thinner	Sigma thinner 21 - 06 (flashpoint 26 °C)
Volume of thinner	0-5%
Nozzle orifice	Approx. 0.43 - 0.48 mm (0.017 - 0.019 inch)
Nozzle pressure	120 -150 bar (approx. 1700 - 2100 p.s.i.)
<b>AIR SPRAY</b>	
Recommended thinner	Sigma thinner 21 - 06 (flashpoint 26 °C)
Volume of thinner	5-10%
Nozzle orifice approx.	1.8 mm
Nozzle pressure	2-3 bar (approx. 28 - 42 p.s.i.)
<b>BRUSH/ROLLER</b>	not recommended
<b>CLEANING SOLVENT</b>	Sigma thinner 21 - 06

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## SAFETY PRECAUTIONS

for paint and recommended thinners see safety sheets 1430, 1431 and relevant material safety data sheets

this is a solvent based paint and care should be taken to avoid inhalation of spray mist or vapour as well as contact between the wet paint and exposed skin or eyes

## Worldwide availability

Whilst it is always the aim of Sigma Coatings to supply the same product on a worldwide basis, slight modification of the product is sometimes necessary to comply with local or national rules/circumstances. Under these circumstances an alternative product data sheet is used.

**This product is not part of the Sigma Coatings global range and availability is depending on location.**

## REFERENCES

Explanation to product data sheets	see information sheet 1411
Safety indications	see information sheet 1430
Safety in confined spaces and health safety	
Explosion hazard - toxic hazard	see information sheet 1431
Safe working in confined spaces	see information sheet 1433
Directives for ventilation practice	see information sheet 1434
Cleaning of steel and removal of rust	see information sheet 1490

## Limitation of Liability

The information in this data sheet is based upon laboratory tests we believe to be accurate and is intended for guidance only. All recommendations or suggestions relating to the use of the Sigma Coatings products made by PPG Protective & Marine Coatings, whether in technical documentation, or in response to a specific enquiry, or otherwise, are based on data which to the best of our knowledge are reliable. The products and information are designed for users having the requisite knowledge and industrial skills and it is the end-user's responsibility to determine the suitability of the product for its intended use.

PPG Protective & Marine Coatings has no control over either the quality or condition of the substrate, or the many factors affecting the use and application of the product. PPG Protective & Marine Coatings does therefore not accept any liability arising from loss, injury or damage resulting from such use or the contents of this data sheet (unless there are written agreements stating otherwise).

The data contained herein are liable to modification as a result of practical experience and continuous product development. This data sheet replaces and annuls all previous issues and it is therefore the user's responsibility to ensure that this sheet is current prior to using the product.

The English text of this document shall prevail over any translation thereof.

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Sigma Paints Saudi Arabia Ltd