SIGMAZAM FINISH HIGH GLOSS

DESCRIPTION
very quick drying high gloss finish coat based on modified alkyd resins

PRINCIPAL CHARACTERISTICS
– top coat in a quick drying alkyd system in atmospheric exposure
– good water resistance
– very quick drying
– good gloss retention

COLOURS AND GLOSS
see RAL colour card - high gloss

BASIC DATA AT 20°C
(1 g/cm³ = 8.25 lb/US gal; 1 m³/l = 40.7 ft³/US gal)
Mass density approx. 1.2g/cm²
Volume solids approx. 42% by volume
Recommended dry film thickness 35 µm
Theoretical spreading rate approx. 12 m²/ltr (53 m²/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

INSTRUCTIONS FOR USE
– stir well before use.
– the temperature of the paint should preferably be above 15°C, otherwise extra thinner may be required to obtain application viscosity
– too much solvent results in reduced sag resistance
– adequate ventilation must be maintained during application and curing (please refer to sheet 1433 and 1434)

AIRLESS SPRAY
Recommended thinner Sigma thinner 21 - 06
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.)

AIR SPRAY
Recommended thinner Sigma thinner 21 - 06
Volume of thinner 5-10%
Nozzle orifice approx. 1.8 mm
Nozzle pressure 2-3 bar (approx. 28 - 42 p.s.i.)

BRUSH/Roller
not recommended

CLEANING SOLVENT
Sigma thinner 21-06
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 see information sheet 1431
Explosion hazard - toxic hazard see information sheet 1433
Safe working in confined spaces see information sheet 1434
Directives for ventilation practice see information sheet 1435
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 annulls 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