

RAK Superset Enamel

Product description

This is a one component oxidatively drying superior quality coating based on special modified alkyd resin. Can be used interior & exterior surfaces. Product has very fast drying time, excellent adhesion, brilliant high gloss finish & gloss retention, low yellowing, abrasion resistance, smooth and durable finish. Extra fast curing time increases productivity at the shop floor.

Typical use

For any metal, steel surface, machinery, pipes etc., to protect from corrosive environment.

Finish

As per RAK Shade Card

Product data

Property	Description
Gloss level (GU 60 °)	80 – 95 (Glossy)
Solids by Volume	51 ± 2 %
Flash point	26°C
Density	1.08 kg/l
VOC-EU	482 g/l

The provided data is typical for factory produced products, subject to slight variation depending on colour.

All data is valid for mixed paint.

Gloss description: According to RAK Performance Coatings' definition.

Film thickness per coat

Typical recommended specification range

Dry film thickness	30	-	50	µm
Wet film thickness	59	-	98	µm
Theoretical spreading rate	17	-	10.2	m ² /l

Surface preparation

Surface should be clean from all dust, rust, wax, oil, grease, loose particles, flakes and other contaminants. Remove all wax, oil and grease by solvent cleaning as per instruction given by SSPC-SP1. Light sanding with abrasive material is recommended, resulting dust should be removed properly. Surface to be recoat should clean thoroughly before application.

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Application

Application methods

The product can be applied by

Dipping : Prefers in Scaffolding Related Work

Spray : Use Air or Airless Spray

Brush : Use for corners and areas difficult to paint with roller

Product mixing

Single Pack.

Thinner/Cleaning solvent

Thinner: RAK Enamel Thinner

Spray / Brush : 5-20% thinner is recommended as per need.

Dipping : 1:1 Thinning

Guiding data for Airless spray

Nozzle tip Size : 0.15 – 0.025 inch

Pressure at nozzle (minimum): 2000 psi

Apply this product only if relative humidity is less than 85% and substrate temperature is minimum 10° C & above 3° C of the dew point

Drying and Curing time

Surface Dry	10 Minutes
Tack free	30 Minutes
Full Cure	4 Hours
Recoating Time (Minimum)	60 Minutes

Drying and curing times are determined under controlled temperatures and relative humidity below 85 %, 30° C temperature and at average of the DFT range for the product.

Pot Life

Single Pack

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Product Application System

Depending on the actual exposure of the coating system, various primers and topcoats can be used in combination with this product. Some examples are shown below. Contact RAK Paint for specific system recommendation.

Previous coat : RAK Superset Primer Redoxide / RAK Superset Zinc Phosphate Primer – 1 Coat

Topcoat : RAK Superset Enamel – 2 Coat

Packaging (typical)

RAK Superset Enamel 0.9L, 3.6L & 18L

Storage

The product must be stored in accordance with national regulations. Keep the containers in a dry, cool, well ventilated space and away from sources of heat and ignition. Containers must be kept tightly closed. Handle with care.

Shelf life at 30 °C

RAK Superset Enamel 24 Months

In some markets commercial shelf life can be dictated shorter by local legislation. The above is minimum shelf life, thereafter the paint quality is subject to re-inspection.

Health and safety

During paint application, it is advisable to wear suitable protective guards (PPE). In case of accidental contact with eyes rinse immediately with plenty of water and seek medical advice. In case of inhalation- remove to fresh air, loosen collar and keep patient rested. Get medical treatment. For remove splashes from skin, use soap and water or approved skin cleanser. Flammable material always keeps away from sources of ignition and do not smoke. Ensure sufficient ventilation during application and drying. Do not breathe vapour/spray. Keep container tightly closed and keep out of reach of children. In case of fire - use foam, carbon dioxide or dry chemicals. For more information, refer MSDS.

Disclaimer

The data provided in this sheet is given to the best of our knowledge and based on laboratory testing and practical experience. We cannot guarantee anything but the product since the conditions and methods during application vary. We reserve the right to change the given data without prior notice. The product data sheet supersedes those previously issued.

For more information, contact your local RAK Paints Representative, go to www.rakpaints.com or call +971-7-2444036.