

INDUSTRIAL SILICONE ALKYD

PRODUCT DESCRIPTION

A durable exterior quality enamel based on a silicone modified alkyd, containing durable and light fast colour pigments. Suitable for metal components, the silicone modification provides weather resistance and high wear character.

USES

Metal components which may be subject to high wear or severe weathering environments. Excellent for use on large ferrous structures such as gasholders.

TECHNICAL PROPERTIES

Colour	To order.		
Finish	Gloss		
Curing Agent	n/a		
Mix Ratio	n/a		
Specific Gravity	1.00		
Volume Solids	45%		
Recommended Film Thickness	70-90µm WFT / 30-40µm DFT		
Theoretical Spreading Rate	11.25-15.0 m ² /litre		
Application Method	Brush, Roller, Spray		
Flash Point	29°C		
VOC	440 g/litre		
Drying Times	10°C	20°C	30°C
Touch Dry	5 hours	3 hours	2 hours
Hard Dry	10 hours	6 hours	4 hours
Minimum Overcoat	40 hours	24 hours	16 hours
Maximum Overcoat	Indefinite	Indefinite	Indefinite

CERTIFICATION/APPROVALS

RECOMMENDED SYSTEMS Hi-Dur ZP Primer, Standard MIO Primer

SURFACE PREPARATION

Ensure surfaces are clean, dry and free from dirt, grease and other contaminants.
Prime metal work with Hi-Dur ZP Primer or Standard MIO Primer.

PRODUCT APPLICATION

Mixing	Mix thoroughly before use.
Thinners	Thinner No.3
Brush	First coat may be thinned max. 5% to assist application. Two full coats should be used for maximum protection and obliteration. Some strong colours may require a further coat to effect full opacity in certain circumstances.
Roller	First coat may be thinned max. 5% to assist application. Two full coats should be used for maximum protection and obliteration. Some strong colours may require a further coat to effect full opacity in certain circumstances. A short pile head is recommended with rolling.
Conventional Spray	Thin up to 15% Thinner No.3
Airless Spray	Thin up to 10% Thinner No.3
Air Assisted Airless Spray	Thin up to 15% Thinner No.3
Cleaner	Thinner No.3
Cleanup Considerations	All equipment should be cleaned immediately after use with Thinner No.3 It is advisable that equipment should be cleaned/flushed during the course of application, the frequency of which will depend on the volume of material used and timescale over which applied. Ensure all waste materials (including packaging) are disposed of in accordance with local regulations.

HEALTH, SAFETY & ENVIRONMENTAL

This product must be used in accordance with the Material Safety Data Sheet supplied by Spencer Coatings Limited.
The user must observe local health, safety and environmental regulations when using this product.
Consult Spencer Coatings Limited if there are any concerns over the suitability of this product.

PACK SIZES

5 litre.

PACK WEIGHTS

5 litre: 5.4 Kg.

STORAGE CONDITIONS

Store in a cool, dry, shaded area with good ventilation. Minimum shelf life 12 months in unopened containers.

LIMITATIONS

Do not apply below when RH exceeds 88% or the surface is less than 2°C above dew point.

DISCLAIMER

The information given in these specifications and technical advice - whether verbal, or in writing or by way of trials is for guidance only and is given in good faith, but without warranty. This also applies where proprietary rights or third parties are involved. Any person using Spencer products without first making further enquiries as to the suitability of the products for the intended purpose and testing the products to assess their fitness for the purpose does so at their own risk. The application, use and processing of the products are beyond our control and are therefore your own responsibility, and we can accept no liability for the performance of the products arising out of such use, beyond the value of the goods delivered by us. The information contained in these data sheets is liable to modification from time to time in the light of experience and our policy of continuous development.

It is the user's responsibility to ensure that this sheet is current prior to using the product.