

SPEEDCOAT MD90 COMPLIANT COATING

PRODUCT DESCRIPTION

A specially formulated single application high build compliant coating based on a fast drying high solid alkyd resin. The product has excellent chip resistance, corrosion and seawater resistance, verified by salt spray and humidity evaluations.

USES

Direct primerless coating for containers, machinery and general steel fabrications used in marine, industrial and other aggressive environments. Product used if a high gloss version of Speedcoat MD60 Compliant Coating is required.

TECHNICAL PROPERTIES

Colour	RAL, BS 4800, Special Colours		
Finish	Full Gloss		
Curing Agent	n/a		
Mix Ratio	n/a		
Specific Gravity	1.30		
Volume Solids	53 ± 2%		
Recommended Film Thickness	188 – 264µm WFT / 100 -140µm DFT		
Theoretical Spreading Rate	3.8– 5.3 m ² /litre		
Application Method	Spray, small touch up areas can be brushed		
Flash Point	28°C		
VOC	415 g/litre		
Drying Times	10°C	20°C	30°C
Touch Dry	1 hours	1 hour	40 minutes
Hard Dry	5 hours	2 ½ hours	2 hours
Minimum Overcoat	-	-	-
Maximum Overcoat	-	-	-

CERTIFICATION/APPROVALS

RECOMMENDED SYSTEMS

Not recommended with other products.

SURFACE PREPARATION

Ensure surfaces are clean, dry and free from dirt, grease and other contamination.

Remove scale and rust and prepare to a minimum ST3.

Apply two coats by applying initially 100 micron wet followed by a brief dry off period then a further application of up to 200 micron.

Allow to dry for approx. 3 hours before handling.

PRODUCT APPLICATION

Mixing	Stir thoroughly before use.
Thinners	Do not thin.
Brush	Small touch up areas only.
Roller	Small touch up areas only.
Conventional Spray	Not recommended.
Airless Spray	Do not thin. Use tip 0.38-0.53 mm, 50-65° angle and 2000-2300 psi pressure.
Air Assisted Airless Spray	Do not thin. Use 800-1000 psi pressure and 1.4-1.8 mm diameter nozzle.
Cleaner	Thinner No.4
Cleanup Considerations	All equipment should be cleaned immediately after use with Thinner No.4 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 and 20 litre

PACK WEIGHTS

5 litre: 6.5 Kg.
20 litre: 26 Kg.

STORAGE CONDITIONS

Store away from extremes of temperature.

LIMITATIONS

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

INCORRECT APPLICATION (SUCH AS EXCESSIVE FILMS) CAN LEAD TO IMMEDIATE AND LONG TERM FILM DEFECTS.

DISCLAIMER

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