

SPEEDCOAT MD90

PRODUCT DESCRIPTION

A specially formulated single application high build coating based on a fast drying 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. This product is a high gloss version of Speedcoat MD60 is required.

TECHNICAL PROPERTIES

Colour	RAL, BS 4800, Special Colours		
Finish	Full Gloss		
Curing Agent	n/a		
Mix Ratio	n/a		
Specific Gravity	1.05		
Volume Solids	28 ± 2%		
Recommended Film Thickness	250µm WFT / 70µm DFT		
Theoretical Spreading Rate	4 m ² /litre		
Application Method	Spray, small touch up areas can be brushed		
Flash Point	25°C		
VOC	600 g/litre		
Drying Times	10°C	20°C	30°C
Touch Dry	30 minutes	15 minutes	10 minutes
Hard Dry	4 hours	2 hours	1 ½ hours
Minimum Overcoat	Normally a one coat system		
Maximum Overcoat	Indefinite	Indefinite	Indefinite

CERTIFICATION/APPROVALS

RECOMMENDED SYSTEMS

None normally. Speedspray QDH Primer may be used where further protection is required.

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 50 micron wet followed by a brief dry off period then a further application of up to 200 micron.

Allow to dry for approx. 2 hours before handling.

PRODUCT APPLICATION

Mixing	Stir thoroughly before use.
Thinners	Thinner No. 4
Brush	Small touch up areas only.
Roller	Small touch up areas only.
Conventional Spray	Thin with up to 10% Thinner No.4 Use 35-45 psi pressure and 1.4-1.8 mm. diameter nozzle.
Airless Spray	Thin with up to 5% Thinner No.4 Use tip 0.28-0.38 mm, 50-65° angle and 1800-2000 psi pressure.
Air Assisted Airless Spray	Thin with up to 10% Thinner No.4 Use 35-45 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: 5.7 Kg.
20 litre: 22.8 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.