

SPEEDSPRAY CM5 HB ZINC PHOSPHATE PRIMER

PRODUCT DESCRIPTION

A fast drying high build modified alkyd zinc phosphate primer with good adhesion, corrosion resistance and enamel hold out properties, which is designed for application onto steel surfaces. Ideal for cost sensitive environments and fast turnaround operations.

USES

For metal fabrications, process equipment, machine tools and other surfaces where fast drying and high build properties are required.

TECHNICAL PROPERTIES

Colour	Light Grey, Red Oxide		
Finish	Slight Sheen		
Curing Agent	n/a		
Mix Ratio	n/a		
Specific Gravity	1.20		
Volume Solids	42%		
Recommended Film Thickness	100 - 180µm WFT / 40 - 75µm DFT		
Theoretical Spreading Rate	6 - 10 m ² /litre		
Application Method	Brush, Roller, Spray		
Flash Point	23 - 31°C		
VOC	500 g/litre		
Drying Times	10°C	20°C	30°C
Touch Dry	1 hour	30 minutes	20 minutes
Hard Dry	2 hours	1 hour	45 minutes
Minimum/Maximum Overcoat	Ideally between ½-1 hour or after 24 hours, depends on conditions, test small area first		

CERTIFICATION/APPROVALS

RECOMMENDED SYSTEMS Hi-Dur AD100 Finish, Etch Primer (2 Pack)

SURFACE PREPARATION

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

Remove scale and rust and prepare to a minimum SA2 and paint within 2 hours.

Apply one or two coats of primer as required.

On aluminium surfaces pre-coat with Etch Primer (Two Pack) to improve adhesion.

PRODUCT APPLICATION

Mixing	Stir thoroughly before use.
Thinners	Thinner No.4
Brush	Do not thin. Small touch up areas only.
Roller	Do not thin. Small touch up areas only.
Conventional Spray	Thin up to 10% Thinner No.4 Use 50-60 psi pressure and 1.4-1.8 mm diameter nozzle.
Airless Spray	Do not thin. Use tip 0.38-0.53 mm, 50-65° angle and 2000-2300 psi pressure.
Air Assisted Airless Spray	Thin up to 10% Thinner No.4 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

20 litre.

PACK WEIGHTS

20 litre: 24 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.
Drying will be affected in cold conditions.

DISCLAIMER

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