

SPEEDSPRAY QDH PRIMER

PRODUCT DESCRIPTION

A fast drying universal high build modified alkyd zinc phosphate primer. The product has good adhesion and corrosion resistance, which is designed for application to most surfaces. Has excellent drying and enamel hold out, which makes it an ideal base for Hi-Dur AD100 Finish.

USES

Primer for metal fabrications, agricultural equipment, machine tools and most other surfaces where fast drying properties are required.

TECHNICAL PROPERTIES

Colour	White, Light Grey, Mid Grey, Green, Red Oxide, Buff, Yellow		
Finish	Slight Sheen		
Curing Agent	n/a		
Mix Ratio	n/a		
Specific Gravity	1.17		
Volume Solids	40%		
Recommended Film Thickness	100 - 175µm WFT / 40 - 75µm DFT		
Theoretical Spreading Rate	6 - 10 m ² /litre		
Application Method	Brush, Roller, Spray		
Flash Point	23 - 31°C		
VOC	520 g/litre		
Drying Times	10°C	20°C	30°C
Touch Dry	45 minutes	30 minutes	15 minutes
Hard Dry	10 hours	8 hours	6 hours
Minimum/Maximum Overcoat	Ideally between ½-4 hours 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 two coats of primer in severe environments or where a topcoat is not to be used.

On aluminium surfaces apply Etch Primer (Two Pack) prior to Speedspray QDH Primer for best adhesion.

PRODUCT APPLICATION

Mixing	Stir thoroughly before use.
Thinners	Thinner No.4
Brush	Do not thin. Small areas only.
Roller	Do not thin. Small 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	Thin with max. 5% Thinner No.4 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

5 and 20 litre

PACK WEIGHTS

5 litre: 5.85 Kg.
20 litre: 23.4 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

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.