

AQUABOND HP20 ENAMEL

PRODUCT DESCRIPTION

A waterbased air drying finish based on a modified acrylic resin. Formulated as a one coat finish over suitably prepared substrates, product gives good film toughness, durability and corrosion protection.

USES

Ideal for coating of plant and machinery and most metal fabrications, especially in applications where a low VOC is required.

TECHNICAL PROPERTIES

Colour	RAL, BS plus special colours
Finish	Semi Gloss
Curing Agent	n/a
Mix Ratio	n/a
Specific Gravity	1.17
Volume Solids	35%
Recommended Film Thickness	86-114µm WFT / 30-40µm DFT
Theoretical Spreading Rate	8.5-11.5 m ² /litre
Application Method	Brush, Roller, Spray
Flash Point	> 40°C
VOC	130 g/litre

Drying Times*	10°C	20°C	30°C
Touch Dry	1 hours	30 minutes	20 minutes
Hard Dry	5 hours	3 hours	2 hours
Minimum Overcoat	Usually a one coat	Usually a one coat	Usually a one coat
Maximum Overcoat	system	system	system

* This product can be force dried. Typical schedule is 5-10 minutes flash off then 15 minutes at 50°C.

CERTIFICATION/APPROVALS

RECOMMENDED SYSTEMS

Usually a one coat system.

SURFACE PREPARATION

Surfaces to be painted should be clean, dry and free of any oil or grease. Depending upon the substrate, special cleaning requirements may be necessary.

PRODUCT APPLICATION

Mixing	Mix thoroughly before use.
Brush	Use as supplied. One coat is required to give maximum protection and coverage.
Roller	Use as supplied. One coat is required to give maximum protection and coverage.
Conventional Spray	Use as supplied. Use 35-50 psi pressure and 1.4-1.8 mm diameter nozzle.
Airless Spray	Use as supplied. Use tip 0.28-0.38 mm, 50-65° angle and 2000 psi pressure.
Air Assisted Airless Spray	Use as supplied. Use 1000-1200 psi pressure and 1.4-1.8 mm diameter nozzle.
Cleaner	Water
Cleanup Considerations	All equipment should be cleaned immediately after use with water. 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

25 litre.

PACK WEIGHTS

25 litre: 29.25 kg.

STORAGE CONDITIONS

PROTECT FROM FROST AND STORE ABOVE 5°C. ENSURE STRICT STOCK ROTATION IS PRACTISED.

LIMITATIONS

Low temperatures and/or high relative humidity will adversely affect application, drying and final properties.

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.