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COLOURED SOLUTION

PRODUCT DESCRIPTION

A reinforced advanced modified alkyd one coat* system with added rust inhibitor specially formulated for aggressive environments, that provides a tough resilient barrier, impermeable to air and moisture, effectively sealing out corrosion. Product has the benefit of being a one coat* system for many colours (no primer or undercoat necessary), offering good corrosion resistance. Economical with excellent hiding power, no hazardous solvents, may be overcoated next day.

USES

For industrial, agricultural and domestic use. For example, machinery, gates, drainpipes, warehouse doors, steel frames, steelwork on garages, gates and railings. Can also be applied to wood for a glossy, weather resistant finish.

TECHNICAL PROPERTIES

Colour	Restricted range
Finish	Gloss
Curing Agent	n/a
Mix Ratio	n/a
Specific Gravity	0.97
Volume Solids	30%
Recommended Film Thickness	100-133 μ WFT / 30-40 μ DFT
Theoretical Spreading Rate	7.5 –10 m ² /litre
Application Method	Brush, Roller, Spray
Flash Point	40°C
VOC	365 g/litre

Drying Times	10°C	20°C	30°C
Touch Dry	10 hours	6 hours	4 hours
Hard Dry	30 hours	24 hours	18 hours
Minimum Overcoat	24 hours	16 hours	12 hours
Maximum Overcoat	Indefinite	Indefinite	Indefinite

CERTIFICATION/APPROVALS

Conforms to Category I of Directive 2004/42/CE Phase II 2010, which carries a VOC limit of 500g/l

RECOMMENDED SYSTEMS

Usually a one coat* system, but see below. Can be specified with Hi-Dur ZP Primer for optimum performance. For wood, prime first with General Purpose Undercoat.

*Colours such as yellows, reds and oranges have lower opacity, especially when produced using lead-free pigments. Two or three coats of these shades may be required, relative to only one coat of a grey or red oxide, so that yellows, bright reds and oranges may not be suitable as one coat systems.

SURFACE PREPARATION

- Steel:** The performance of this coating is directly related to the level of surface preparation. Degrease the substrate to a minimum standard of SSPC-SP1 to remove all oil, grease etc. Power tool clean or wire brush the surface to a minimum standard of ISO 8501:1988 St. 2 to remove all loose rust, paint etc. All surfaces should be clean and free from atmospheric pollution which may necessitate washing down with fresh, clean water. Allow to dry.
- Wood:** Ensure surfaces are clean, dry and free from dirt, grease and other contamination. Fill all holes with suitably coloured wood filler. Apply General Purpose Undercoat to all surfaces. Allow to dry before application of Coloured Solution.
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PRODUCT APPLICATION

- Mixing** Stir well before use.
- Thinners** Thinner No.3
- Brush** Use as supplied.
- Roller** Use as supplied.
- Conventional Spray**
- Airless Spray** Thin with up to 10% Thinner No.3 Use tip size 0.13” – 0.17” (0.33mm – 0.43mm) and pressure 2000 – 2400 psi (145 – 170 SAR)
- Air Assisted Airless Spray**
- Cleaner** Thinner No.3
- Cleanup Considerations** All equipment should be cleaned immediately after use with Thinner No.3
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.
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HEALTH, SAFETY & ENVIRONMENTAL

- This product must be used in accordance with the Material Safety Data Sheet.
The user must observe local health, safety and environmental regulations when using this product.
Consult if there are any concerns over the suitability of this product.
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PACK SIZES

20, 5, 1 litre

PACK WEIGHTS

20 litre : 19.4 Kg, 5 litre: 4.85 Kg, 1 litre : 0.97 Kg..

STORAGE CONDITIONS

Store in a cool, dry, shaded area and ensure good ventilation. Shelf life 12 months.

LIMITATIONS

Do not apply this product if the relative humidity exceeds 90% or if the substrate is within 3°C of the dew point. This product should be applied as 2 coats for optimum performance.

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 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.