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PAINTS

PRODUCT NAME**Synergy® V12****PRODUCT CHARACTERISTICS:**

Provides outstanding adhesion to clean steel, galvanised surfaces and Plastisol coated steel, having excellent toughness, durability and chemical resistance. Good resistance is displayed against aqueous solutions of alkalis and acids, inorganic salts, etc. This product has a long life to first maintenance when exposed to weathering in rural, town or coastal environments, provided that the coating has a sufficient dry film thickness for the particular application and that the substrate is correctly prepared. It also adheres well to glass, meeting the requirements of ASTM D3359 and ISO 2409.

Suggested applications include fencing, containers, railings, structural steel, farm buildings and refurbishment of building cladding. Eggshell and semi matt versions contain zinc phosphate anti corrosive pigments Gloss and Semi Gloss Versions do not contain anti-corrosives

We recommend the use of either the V12I low sheen as a primer or high build zinc phosphate primer under the gloss/semi gloss for longer term protection.

PRE TREATMENTS

Mild Steel: Shot blast to SA2.5 preferred. Min requirements degrease and abrade to SA2

Phosphated Steel: Degrease with H30 cleaning solvent.

New Galvanised Steel: Degrease with H30 cleaning solvent and apply HMG Mordant T wash (optional) ensuring galvanising turns black. We recommend washing down galvanising with clean water and allowing to dry before coating.

Weathered Galvanised Steel: Wash down all surfaces and lightly abrade to remove weathered zinc salts. Apply two coats of V12

Concrete: Concrete should be left to cure for two weeks per inch of concrete. For new or previously unpainted concrete apply 2 coats thinning the first coat sufficiently to be drawn into the surface of the concrete. If possible work first coat in with a brush.

Wood: Apply directly to a sound dry surface

PHYSICAL DATA:**COLOURS AND APPEARANCE:**

Full colour Offer, BS or RAL in a Semi Matt Finish.

PROPERTIES:

Anti-Corrosive Protection – Good resistance is displayed against aqueous solutions of alkalis and acids, inorganic salts, etc.

SHELF LIFE:

12 months

APPLICATION:**AIRLESS SPRAY:**

Tip size 0.113 - 0.021 inch Fluid Pressure 150 - 225 bar

CONVENTIONAL SPRAY:

Thin as required more than one coat will be required

BRUSH & ROLLER:

Suitable provided correct film thickness is achieved Use natural bristle brush or short (8 - 12mm) solvent resistant roller



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PRODUCT NAME

V12

DRY FILM THICKNESS:

60 Microns dft airless per coat

COVERAGE:

8m² per litre @ 60 microns dft theoretical

THINNER:

Solvent X or SNAP thinners

FLASH POINT:

22°C - 32°C

VOLUME SOLIDS:

30 - 50% dependant on colour

PACK SIZES:

5, 20 litres

COLOUR AVAILABILITY

British Stds, RAL, Pantone, Decorative Ranges and Special

GLOSS LEVEL:

Gloss, Semi gloss, Eggshell, Semi Matt

TOUCH DRY:

20 - 40 mins dependant on drying conditions

THOROUGH DRY:

16 hours dependant on temperature

OVERCOATING:

Min 3 to 4 hours spraying next day brushing

FULL CURE:

5 - 7 days dependant on temperature

APPLICATION CONDITIONS:

5 - 7 days dependant on temperature. Air and object temp between 5 - 30°C. Relative humidity below 85%. Substrate temp min3°C above dew point