



ZCP PRIMER

PRODUCT DESCRIPTION

A high quality alkyd resin based primer.

PRODUCT FEATURES

An alkyd zinc phosphate primer, Non-toxic with good anti-corrosion properties. ZCP Primer dries to a matt high build, tough coating, suitable for inland & coastal environments. It can be over coated with a wide range of alkyd based undercoats & finishing coats,

TECHNICAL INFORMATION

Colour: Green, Grey & Yellow
Appearance: Matt
Generic type: Alkyd resin
Spreading rate: 6m²/litre
Solvent: Industrial Thinners
Volume solids: 65 ± 3%
S.G.: 1.25
Recommended DFT\coat: 60 microns
Viscosity at 25°C: 72 Ku
Temperature resistance" 90°C (dry)
Mix ratio: Single pack ready for use
Packaging: 1, 5 & 20 litre containers

SURFACE PREPARATION

All surfaces are to be clean & dry. Remove all oil, grease & other contaminants with water based degreaser, followed by a fresh water wash. Remove rust & millscale preferably by abrasive blast cleaning to Grade SA2.5 of International Standard ISO 8501-1:1988 with a blast profile of 30 – 50 microns. Mechanical cleaning to Grade St 3 of the above standards can be done in those areas where blast cleaning is not possible. This, however, can result in a shorter maintenance free life.

APPLICATION

Airless spray: 10 – 15% dilution recommended.
Use only Industrial Thinners
Nozzle pressure: 210 - 250 bar
Nozzle orifice: 0.021"

Conventional spray: 20 – 25% dilution recommended
Use only Industrial Thinners
Air pressure: 4 - 6 bar
Nozzle orifice: 1.5 – 2mm

Brush and Roller: Suitable as supplied

Clean up: Use Industrial Thinners only

ENVIRONMENT

It is recommended that application be confined to the following:

Surface temperature: Min. 5°C Max. 40°C
Ambient temperature: Min. 5°C Max. 40°C
Relative humidity: Min.0% Max.85%
Or at least 3°C above Dew point

DRYING TIME

Drying time is dependant on 2 factors – Temperature & film thickness. Figures given refer to a film thickness of 100 microns.

Substrate Temp	Touch Dry	Hard Dry
5°C	12 hours	24 hours
15°C	4 hours	12 hours
25°C	30 minutes	2 hours
35°C	15 minutes	1 hour

OVERCOATING TIMES

Surface Temperature	Minimum	
Maximum		
5°C:	24 hours	Indefinite
15°C:	16 hours	Indefinite
25°C:	1 hour	Indefinite
35°C:	30 minutes	Indefinite

All the above are given as guidelines only & can not be assumed to be absolute, as variances will result from differences in film thickness, environment & surface temperatures.

STORAGE AND HANDLING

Store away from direct sunlight, open flames & severe cold.
Shelf life: 1 year in original sealed containers.
Flash point: 15°C

LIMITATIONS

Do not over coat with Quick Dry Enamels.

SAFETY PRECAUTIONS

Work with PVC gloves & safety glasses when using ZCP Primer. When spraying ZCP Primer, always wear a respirator. This product contains flammable materials. Keep away from sparks & open flames & no smoking should be permitted in the area.

KEEPOUTOFREACHOFCHILDREN.

Information Provided is based on Laboratory evaluations and data believed to be reliable.
Recommendations are given in good faith but without warranty. It is the user's responsibility to determine the suitability for their own use.

It is not to be considered a guarantee of the products properties.

For more information contact our Factories:
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