Chemguard AK1225 ZP

Zinc Phosphate Primer

1976

DESCRIPTION

Chemguard AK1225 ZP High performance oil modified alkyd primers with selected functional rust inhibitive pigmentation. Available in a choice of six colors depending on the type of pigmentation. Offers easy workability, good adhesion and excellent corrosion protection.
Does not contain lead

RECOMMENDED USE

For the protection of steel surfaces in the field or shop, such as ironmongery, structural steel, tank exteriors, machinery, equipment, pipe exteriors, pipe racks, bar joists and other ferrous surfaces not exposed to severe chemical attack. Not recommended for immersion services, exposure to acids, alkalis or strong solvents.

SURFACE PREPARATION

Surfaces must be clean and sound. Employ adequate methods to remove dirt, dust, oil and all other contaminants that could interfere with adhesion.
Remove any oil or grease from surface to be coated with clean rags soaked in UNICHEM White Spirit or UNICHEM / Thinner #20 . Allow surface to dry before application. For maximum performance, abrasive blast to a Commercial Finish in accordance with SSPC-SP6 to obtain a profile of 25μ. Hand tool cleaning in accordance with SSPC-SP2 is acceptable.

MIXING

Power mix until uniform consistency. Avoid excessive air entrapment.

THINNING

Thin with no more than 1/2 liter of White Spirit per gallon for brush or roller application and no more than 1 liter for spray. Stir well before use.

APPLICATION

Apply by brush, roller or spray. Natural bristle brushes are preferred. Short-nap synthetic roller cover with phenolic core gives the best results for wide areas. Consult Unichem Technical Support Department for spray equipment instructions.

TECHNICAL INFORMATION

Color	Grey and White (Zinc Phosphate)
Viscosity	90 ± 2 Kreb Units
Flash Point	Above 37°C
% Solids (by weight)	72% ± 2
% Solids (by volume)	53% ± 2
Density	1.30Kg/L
Dry Film Thickness	30-50μ
Temperature Resistance	95°C
Drying Time	
Dry-to-touch	3 hours
Dry-to-recoat	18 hours
Full Cure Time	7 days

* at 24°C and 50% RH

APPLICATION CONDITIONS

Min. Temperature   2˚C

Max. Temperature   45˚C

Relative Humidity   90%

THEORETICAL COVERAGE

$10.6 m^2/L$ at 50μ

SHELF LIFE

12 months when stored properly in unopened container in dry conditions at 10 - 25°C.

CLEANUP

Tools and equipment can be cleaned with Thinner #10.

PACKAGING

Chemguard AK1210QD is available in 3.6 and 18 Liter .

PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN. Use with adequate ventilation and use a respirator when levels are above applicable limits.
Avoid contact with skin and eyes. Close container after each use. Use good hygiene when handling this product.

TECHNICAL SUPPORT

Technical assistance is available from the manufacturers trained field representatives.
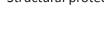
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Unichem Product Group

Unichem offers a wide range of industrial coatings, fireproofing and construction chemicals products that are manufactured, which include:

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Fire retardants
Industrial floorings.
Steel and industrial coatings
Waterproofing.
Grouts and anchoring
Concrete repairs.
Structural protection.

Protective Coatings . Linings . Fire Proofing . Floorings . Construction Chemicals & Decorative Paints

1976

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ISO 9001

DNV

To the best of our knowledge the technical data contained herein is true and accurate on the date of publication and is subject to change without prior notice. Product when used accordance with manufactures printed application with UNICHEM specification for that, The material will perform in accordance with UNICHEM company specification for this product.