



DESCRIPTION

Organic zinc corrosion resistant primer for metal surfaces which will be topcoated with Chemguard coatings as specified.

Easy to apply and cures to a hard tough finish. Chemguard ZN1525 provides exceptional corrosion protection due to the galvanic action of the zinc dust, which forms 80% of the dry film.

RECOMMENDED USE

Chemguard ZN1525 is widely used for the protection of steel structures in salt or weathering environments such as found in pulp and paper, petrochemical, chemical processing and other facilities.

Chemguard ZN1525 is an excellent maintenance or general use zinc primer over steel. It may also be used as an intermediate coat over inorganic zinc primers.

SURFACE PREPARATION

Surfaces must be clean and dry. Employ adequate methods to remove dirt, dust, oil and all other contaminants that could interfere with adhesion of the coating. Remove all oil or grease from the surface to be coated with Unichem Cleaning Thinner in accordance with SSPC-SP1. Abrasive blast to a Commercial Finish in accordance with SSPC-SP10 with a 25-50 micron surface profile.

MIXING

Power mix separately, and then combine Part A and Part B and power mix to achieve homogeneous appearance.

Slowly sift the zinc dust into the mix under agitation. Mix until free of lumps. Pour mix through a 30-mesh screen.

DO NOT MIX PARTIAL KITS.

THINNING

Spray: Up to 10% with Thinner # 15

Brush: Up to 25% with Thinner #2

Roller: Up to 25% with Thinner #2

Thinner #2 can be used for spray in cold conditions. Use of thinners other than those supplied or recommended by Unichem may adversely affect product performance and void product warranty, expressed or implied.

APPLICATION

Apply by brush, roller or airless spray. Use a medium bristle brush or short-nap synthetic roller cover with phenolic core. Consult Unichem Technical Support Department for spray equipment instructions. Continuous agitation of mixture is advised to avoid settlement of zinc filler.

DRYING TIME

Pot Life	6 hours
To Touch	1 hours
To Topcoat	24 hours
Full Cure	7 days
Dry Film Thickness	75µ

TECHNICAL INFORMATION

Color	Gray or Green
Sheen	Matt
% Solids (by volume)	55% ± 2%
Hardness by pencil test (5B,5H) ASTM D 3363:2000	Pass

APPLICATION CONDITIONS

Temperature	10 - 43°C
Humidity	<80 %RH

THEORETICAL COVERAGE

The coverage rate is around 7.06m²/L at 75µ thickness

SHELF LIFE

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

CLEANUP

Tools and equipment can be cleaned by thinner #2.

PACKAGING

Chemguard ZN1525 is available in 18 Liter Kit

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.

UPDATED

March 2013

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United Chemical Company

P.O. Box 3458, Amman 11181, Jordan

Tel. +962 6 420 3366, Fax. +962 6 420 3368

info@unichemgroup.com, www.unichemgroup.com

