



## DESCRIPTION

Chemguard EP1510 is a anti corrosive primer and intermediate coating containing zinc phosphate pigment for various substrates. Recommended as a blast primer on steel that needs temporary protection and intermediate coat over steel and inorganic zinc primers. Performs extremely well under a wide variety of topcoats.

## RECOMMENDED USE

For use as a applied epoxy primer for variable substrate when corrosion protection is required such as structural steel, Storage tanks, ....etc.

## 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-SP6 with a 25-50 micron surface profile.

## MIXING

Power mix separately, and then combine the two parts and power mix to achieve homogeneous appearance. PARTIAL MIX NOT RECOMMENDED .

## THINNING

Spray: Up to 5 % with Thinner # 2  
Brush: Up to 10% with Thinner #15  
Roller: Up to 10% with Thinner #15  
Thinner #15 can be used for spray in hot/windy 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 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 instructions.

## TECHNICAL INFORMATION

Color	Dark Grey or Red
Sheen	Matt
Volume Solids	54% ±2
Topcoats	Acrylics, alkyds, epoxies, urethanes and others as specified.
Dry Film Thickness	50-100µ
Flash point ASTM D 3828:2007 method B	32°C
Drying time ASTM D 5895:2003	1-2 hours
Over coating time ASTM D 5895:2004	3-4 hours
Full Cure	7 days at 24°C and 50% RH
Sag resistance ASTM D 4400:1990	200µm

## APPLICATION CONDITIONS

Min. Temperature	10°C
Max. Temperature	45°C
Relative Humidity	90%

## THEORETICAL COVERAGE

The coverage rate is around 6.7 m<sup>2</sup>/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 with Chem-guard Thinner No. #2. Dried Chemguard EP1510 should be removed mechanically.

**PACKAGING**

Chemguard EP1510 is available in 3.6 Liter or 27 Liter Kit .

**PRECAUTIONS**

Contains aromatic hydrocarbons solvent. 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**

July 2015

**Unichem Product Group**

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