

MINERAL LIFE INT'L
ANTI CORROSIVE COATING
COATING SYSTEM FOR STEEL

Product Description

A two component, low VOC, waterborne alkali metallic zinc silicate primer.

Intended Uses

As a high performance corrosion resistant primer for use on correctly prepared steel substrates in new construction situations.

Product Data

Colors: Grey, Red, and Green

Gloss Level: Matte

Volume Solids: 60%

Typical Thickness: 75 microns (3 mils) dry equivalent to 125 microns (5 mils) wet

Coverage: about 8 sq m / liter at 75 microns

About 321 sq ft / US gallon at 3 mils

Method of Application: Air spray, Brush, Roller

Drying Time

Temperature		Touch Dry	Hard Dry
°Celsius	°Fahrenheit		
5	41	45 minutes	4 hours
15	59	30minutes	1.5 hours
25	77	25 minutes	45 minutes
40	104	15 minutes	30 minutes

Regulatory Data

Flash Point	Base (Part A)	Powder (Part B)	Mixed
	>100 °C (212 ° F)	N/A	>100 °C (212°F)

Product Weight: 3.62 kg/l (30.2 lb/gal)

VOC 0 gm/liter 0 lb/gal

Surface Preparation

All surfaces to be coated should be clean, dry and free from contamination. Prior to paint application, all surfaces should be assessed and treated in accordance with ISO 8504:1992

Oil or grease should be removed in accordance with SSPC-SP1 solvent cleaning.

Strict adherence to all cleanliness standards is essential for application of water-based coatings.

Abrasive Blast Cleaning

Abrasive blast clean if oxidation has occurred between blasting and application of Waterglass Anticorrosive, the surface should be reblasted to the specified visual standard.

Surface defects revealed by the blast cleaning process, should be ground, filled, or treated in the appropriate manner.

APPLICATION

Mixing

Waterglass Anticorrosive is supplied in 2 parts, a liquid binder base component (Part A) and a Powder component (Part B). Powder (Part B) should be slowly added to the Liquid Binder (Part A) while stirring with a mechanical mixer.

Material should be filtered prior to application and should be constantly agitated in the pot during spraying. Once the unit has been mixed it should be used within the working pot life specified.

Mix Ratio

1 part (Part A): 0.7 parts (Part B) by volume

1 part (Part A): 4 parts (Part B) by weight

Working Pot Life

8 hours at 20 °C (68 °F)

Airless Spray: Not suitable

Brush: Suitable-small areas only Typically 50-75 microns (2-3mils)

Roller: Suitable – small areas Typically 50-75 microns (2-3 mils)

Thinner: Do Not Thin

Cleaner: Clean water

Relative Humidity: Ideally between 50 and 60%.

UN Shipping No.: Non-hazardous