

## PRODUCT SPECIFICATIONS

### Product Description

A quick drying high-performance alkyd anti-corrosive primer, formulated with modified zinc phosphate anti-corrosive pigments.

- Outstanding anti-corrosive performance.
- Non-toxic as it is lead and chromate free.
- Good water and moisture resistance.
- Excellent adhesion to iron and steel substrates.
- Easy application by brush or roller.
- Certified for compliance to SS494:2001+A1 2014 by TUV SUD PSB Pte Ltd.

### Design Use

As an anti-corrosive primer coat for iron and steel substrates in mild to medium aggressive environments.

### Physical Data

Volume Solids	:	42%
Dry Film Thickness (DFT)	:	25 - 25 µm per coat
Wet Film Thickness (WFT)	:	60 - 84 µm per coat
Number of Coats	:	1 - 2
Theoretical Coverage	:	16.8 m <sup>2</sup> / litre per coat @ 25 µm dft
Finish	:	Matt
Colour Range	:	Grey
No. Of Components	:	One
Standard Packing Size	:	5 Litres

### Application Method

BRUSH, ROLLER, CONVENTIONAL AIR SPRAY & AIRLESS SPRAY : These are the recommended methods of application.

Stir contents of the can thoroughly before use. Thinning is not usually required. However, if thinning is desired, do not exceed the maximum recommended thinning ratio.

Do not apply this product if the relative humidity exceeds 85% or if the substrate temperature is within 3°C of the dew point.

### Drying Time

Substrate Temperature	Surface Dry	Hard Dry	Overcoating Interval	
			Min.	Max.
15 °C	2 hours	8 hours	16 hours	Indefinite
25 °C	1 hours	5 hours	10 hours	Indefinite
35 °C	30 minutes	3 hours	6 hours	Indefinite

### Additional Information

Thinner	:	Solvalux 7-9
Thinning Ratio	:	5% maximum
Cleaning Solvent	:	Solvalux 7-9
Flash Point	:	> 28°C
Storage Requirements	:	Store in a cool, dry area away from direct sunlight.
Thinner	:	2 years minimum when store as prescribed in original unopened containers.

## Surface Preparation

The service life span and the service performance of this product are directly related to the degree of surface preparation.

- The surface to be overcoated must be dry and free from surface contaminants. Remove all oil, wax and grease by solvent cleaning in accordance to guidelines given in SSPC SP-1.
- Soluble salts must be removed by washing with fresh water. Dry brushing should be done to remove dirt and dust.
- All loose rust and millscale should be removed by sanding / grinding, chipping, needle gun or spot blasting. All loose and flaking coatings should be removed and taken back to a firm edge.
- Where necessary, remove weld spatter and round off all rough weld seams and sharp edges to a smooth surface.
- Mechanically clean the surface using hand or power tools to a minimum standard of St 2 Swedish Standard or SIS05 59 00 of ISO 8501-1:1998 or SSPC SP-2, taking care to avoid polishing the surface.

To avoid condensation of moisture onto substrate prior to coating application, relative humidity should not exceed 85% and substrate temperature should be more than 3°C above Dew Point.

## Product Use Restrictions

- The coating specifications given above are typical. For specific recommendations to suit individual applications, please refer to your Berger Paints representative.
- This product is not suitable for immersed conditions.
- This product is not suitable for exposure to acidic or alkaline environments.

## Safety Precaution

- Avoid contact with eyes and skin. Wear suitable protective clothing such as overalls, gloves and goggles. Use a dust mask if applying by spray.
- Ensure that there is adequate ventilation in the area where the product is being applied. Do not breathe vapour or spray.
- This product is flammable. Keep away from sources of ignition. Do not smoke. Take precautionary measures against static discharge. In case of fire, blanket flames with foam, carbon dioxide or dry chemicals.

## First Aid

- Eyes** : In the event of accidental splashes, flush eyes with warm water immediately and seek medical advice.
- Skin** : Wash skin thoroughly with soap and water or approved industrial cleaner. Do Not Use solvents or thinners.
- Inhalation** : Remove to fresh air, loosen collar and keep patient rested.
- Ingestion** : In case of accidental ingestion, DO NOT INDUCE VOMITING. Obtain immediate medical attention.

For further safety information, please refer to our **Material Safety Data Sheet (MSDS)**

The information provided on this data sheet is not intended to be complete and is provided as general advice only. It is the responsibility of the user to ensure that the product is suitable for the purpose for which he wishes to use it. As we have no control over the treatment of the product, the standard of surface preparation of the substrate, or other factors affecting the use of this product, we are not responsible for its performance nor would we accept any liability whatsoever or howsoever arising from the use of this product unless specifically agreed to in writing by us. The information contained in this data sheet may be modified by us from time to time, and without notice, in the light of our experience and continuous product development.

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