



# UNIDECK CR

## Zinc Phosphate Primer HB

**PRODUCT CODE: 7142**

### Description

Unideck CR Zinc Phosphate Primer HB is a high build thermoplastic anticorrosive primer based on chlorinated rubber. The elasticity of the coating gives the substrate optimum protection from climatic influences.

### Features

- reversible
- excellent anticorrosive properties.
- can be applied in thick layers
- high filling power
- a highly cohesive coating film
- excellent adhesion
- superior coverage
- suitable for brush, roller and spray application
- extremely weatherproof

### Uses

For industrial applications such as lampposts, railings, wireless masts and other metal structures where the mechanical duty is low, and optimum protection from extreme climatic conditions is required.

As primer for Unideck CR Deck Paint HB.

### Specifications

(at 20°C)

Finish	: matt
Gloss level (60°)	: n.a.
Colour	: pink, other colours on request
Theoretical coverage	: 6.6 m <sup>2</sup> /l at 70 µm dry film thickness
Specific gravity	: 1.4 g/ml
Solids content	: 66% wt. / 46% vol.
Flash point	: 40°C
Application conditions	: min. 5°C / 80% R.H.
VOC content	: 469 g/l
Shelf life in can	: min. 1 year in original, unopened packaging (5 – 25°C)

### APPLICATION INSTRUCTIONS



#### Surface preparation

##### *Thermally zinc-plated steel*

The surface must be completely clean, dry, and free of grease and rust. Preferably remove any zinc salts that may be present, using zinc cleaner or by coarse brushing. Rinse away the zinc cleaner with copious clean water.

First sand old and intact paint layers.

##### *Grit-blasted steel*

Preferably grit-blast to bare metal SA 2½, otherwise remove corrosion thoroughly either mechanically or by hand. Substrate must be dry, and free of grease, dirt and similar.



#### Viscosity and thinning

Unideck CR or BICCS Thinner 0102

For paint and roller application: 0 – max. 5%

#### Recommended film thickness

Min. 160 µm wet

Min. 70 µm dry.



For information about spray application: please contact our technical service.



#### Tool cleaning

Turpentine, Unideck CR Thinner or BICCS Thinner 0102.



#### Drying times

Touch-dry  
Tack free  
Thumb-hard  
For overcoating  
For re-spraying  
Cured

approx. 2 hours  
approx. 4 hours  
approx. 14 hours  
approx. 72 hours  
approx. 24 hours  
approx. 7 days

Data at 20°C and 65% RH



### Substrates

Intact existing paint layers based on chlorinated rubber  
Blasted steel  
Thermally zinc-plated steel (galvanised, Senzimir)

### Special considerations

If it is anticipated that the paint system will be subject to severe attack from external factors, then it is recommended to obtain advice from our technical service. Wait a minimum of 2 to 3 days before topcoating the pink UNIDECK CR Zinc Phosphate Primer HB with UNIDECK CR Deck Paint HB.

Only for overcoating with Chlorinated Rubber systems.

Unideck coatings are based on reversible chlorinated rubber binder. The great advantage of this is that these coatings activate the existing CR layer, and the entire system gains a new reconditioned layer. This always guarantees maximum adhesion. Moreover, expensive and time-consuming preparation such as sanding becomes unnecessary.

See also our patented Unideck Eco System for reduced impact on the environment.

#### *Warning/restricted applicability*

Considering the great diversity of purpose-specific aluminium alloys available in the market, it is impossible for us to recommend a single coating system that will apply to all kinds of aluminium. Our product data is generally based on pure, unalloyed aluminium, also known as the 1000 series.

### Safety

See the appropriate safety sheet

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The information provided in this product information sheet is based on accurate testing carried out in our laboratory, and is intended solely as a guideline. All recommendations and suggestions related to the use of products produced by BICCS, including but not limited to that provided in technical documentation or in response to a specific question, is based on data that we have compiled to the best of our knowledge. The products and information are intended for users in possession of the required specific knowledge and industrial skills, and the suitability of any product for any purpose whatsoever remains at all times the responsibility of the end user. BICCS bv has no knowledge of the quality or condition of the substrate, nor of the many factors that can influence the use and application of the product. BICCS therefore accepts no liability of any kind pertaining to loss or damage as a consequence of the use of or reference to this data sheet, except where otherwise agreed in writing.

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Dukdalfweg 41 – 1332 BK Almere – Postall address: P.O. Box 30109 – 1303 AC Almere – The Netherlands  
Telephone: +31 (0)36 – 5492066 – Fax: +31 (0)36 – 5370286 – www.biccs.nl – Email: info@biccs.nl

### INDUSTRIAL COATING & COLOURANT SYSTEMS

N.B. De technische gegevens in deze publicatie steunen op onze huidige kennis. Zij gelden als aanduiding en leveren u vrijblijvend een beeld van de toepassingsmogelijkheden van onze producten. De gegevens kunnen door een recentere uitgave gewijzigd worden.

Please note: The technical data in this publication are based on our current knowledge. These should be regarded as indicative, providing an impression of possible applications of our products without obligations. The data may be updated or changed in future editions.