



# BICHOLUX QD HB System Coating matt

**PRODUCT CODE: 1255**

## Description

BICHOLUX QD HB System Coating Matt is a very fast-drying high build primer and enamel in one, based on special short oil alkyd resins.

## Features

- very fast-drying
- effective rust prevention
- excellent adhesion
- enamel and primer in one
- can be applied in thick layers
- good filling power

## Uses

For industrial applications, truck chassis, container manufacture and steel construction.

## Specifications

(tinted product at 20°C)

Finish	: matt
Gloss level (60°)	: approx. 15
Colour	: using BICCS colour mixing system
Theoretical coverage	: approx. 4.8 m <sup>2</sup> /l. at 100 µm dry film thickness
Specific gravity	: 1.36 g/ml
Solids content	: 67% wt. / 48% vol.
Flash point	: 23°C
Application conditions	: min. 5°C / 80% R.H.
VOC content	: 443 g/l
Shelf life in can	: min. 1 year in original, unopened packaging (5 – 25°C)

## Substrates

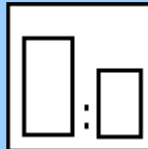
Intact existing paint layers  
Steel  
Blasted steel

## APPLICATION INSTRUCTIONS



### Surface preparation

The surface must be completely clean, dry, and free of grease and rust.  
First sand old and intact paint layers.



### Mixing ratio

See BICCS recipes for the addition of colour pastes.

### Hardener

See additional information



### Viscosity and thinning

BICCS Thinner 0102  
0 – 10%

### Air spray

Nozzle 1.8 – 2.5, 3 to 5 bar  
25 – 40 sec. DIN cup 4

### Airless

Nozzle 0.011" - 0.013"  
110 – 130 bar  
40 – 60 sec. DIN cup 4



### Spraying instructions

1 - 2 cross-coats.

### Recommended film thickness

Min. 215 – 325 µm wet  
Min. 100 – 150 µm dry.  
Depending on the substrate.

### Tool cleaning

Washing thinner or BICCS thinner 0102

### Drying times

Touch-dry	approx. 30 minutes
Tack free	approx. 60 minutes
For re-spraying	after initial drying, with either 1 or 2 component coatings
For sanding	approx. 48 hours
Cured	approx. 7 days



Data at 20°C and 65% RH



## Additional Information

Bicholux QD HB System Coating can also be used as 2 component system coating through addition of Bichodur 2K Hardener in the ratio 4 : 1 by volume. The potlife is then approx. 4 hours.

The characteristics of Bicholux QD HB System Coating are reinforced through the addition of the hardener:

1. improved curing and abrasion resistance
2. a higher sag resistance when subsequent layers are applied
3. harder final layer and improved result from sanding

Addition of Bichodur 2K Hardener can affect the gloss level.

Bicholux QD HB System Coating is NOT suitable for non-ferrous metals.

## Safety

See the appropriate safety sheet

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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.

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## 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.