



BICHOLUX HB COATING SEMI MATT

1C high build coating based on alkyd resins



Description

Bicholux HB Coating Semi Matt [1156] is a solvent based fast-drying 1C high build coating, semi matt, based on medium oil alkyd resins.

Properties

- Fast drying
- Suitable for spraying and rolling; brushable to a limited extent.
- High build; can be applied easily in thick layers
- Good sag resistance/filling power
- Weather resistant
- Bicholux products are lead and chromate free
- Available in all colours of the BC-S 8200 CMS

Typical Applications

Suitable for various industrial applications such as machinery, containers, steel and other constructions. Also very suitable for façade plating/sheet piling, as this product can very well be applied by paint roller.

Substrates

- Steel
- Façade plating/Sheet piling (old Plastisol layers)
- Intact old paint layers
- Bicholux Primer [1140]
- Several Bicholux QD Primers
- Bichothane 1C-PU Filler Primer White [9047]

Technical Specifications

(ready mixed product at 20°C)

Finish	: semi matt
Gloss level (°)	: ca. 35% (depending on colour)
Colour	: all colours by BICCS CMS BCS-8200
Theoretical consumption	: approx. 6,3 m ² /ltr. at 70 µm DFT
Specific gravity	: 1,17 g/ml (depending on colour)
Solids content	: 62% by weight / 45% by volume
Flashpoint	: 26°C
Application conditions	: min. 10°C / 80% R.H.
VOC content	: 458 g/l
Shelf life in can	: 12 months in original unopened packaging, stored at 5 – 30°C. Frostproof storage.

APPLICATION INSTRUCTIONS



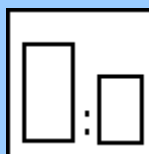
Pre-treatment

The surface needs to be entirely clean, dry and degreased. Old, intact paint layers need to be abraded/sand papered. Pre-treatment (also) depends on the substrate, but in any way needs to be done in such a way that a solid and suitable substrate is obtained, suitable to be painted.

See the additional info in this sheet. Please contact our Technical Department for further enquiries.

Application

Spray, paint roller, brush.



Mixing ratio BC-S Colourants, 8200 series:

Add 15% BC-S Colourants (by volume)

All available colours Bicholux HB Coating HM [1156] are lead and chromate free.

Thinner :

BICCS Thinner 0101 [9161] or BICCS Thinner 0102 [9162], ca. 0 – 10%.

Paint roller

Generally, use undiluted.



Airspray

Nozzle : 2,5 – 3,0
Pressure : 3 to 5 bar
Viscosity : 30 – 60 sec., DIN cup 4

Airless

Nozzle : 0.013" - 0.015"
Pressure : 160 – 200 bar
Viscosity : 40 – 60 sec. DIN cup 4



Spraying instructions

If necessary, multiple cross-coats.

Recommended film thickness

Min. 145 µm WFT < > 70 µm DFT

Tool cleaning:

Washing thinner or BICCS Thinner 0102 [9162]



Drying times

Dust-free : approx. 2 hours
Tack-free : approx. 4 hours
For re-spraying : after initial drying, but within max. 5 hours.
For sanding : after thorough curing
Hard drying time : after 7 days

Data at 20°C and 65% RH



Additional information

For faster hard drying, Bicholux Hardener [1180] (alkyd hardener) can be added, conform its specifications. After adding a hardener, you need to take potlife (limited processing time) into account.

Its strong adhesion and high film thickness enables it to be applied directly to grit blasted steel. However, use of a primer is recommended, especially if the object is exposed to weather conditions .

(¹) Due to variable pigment content of/in the colour pastes, gloss degree of the end product may vary somewhat. Data in our datasheets are based on the average gloss degree of the RAL K7 colours, measured under an angle of 60° according to ISO 2813.

Pre-treatment

To prevent recurrent corrosion, the object/item needs to be coated immediately after blasting/grinding/degreasing. If there is any doubt about what's beneath the surface and/or about the pre-treatment, you always must do a trial to judge adhesion.

Application conditions

Data in this publication are based on a temperature of 20°C and a RH of 65%. In case of higher film thicknesses and/or lower temperatures, longer drying times apply. During application and drying, avoid temperatures lower than 10°C and an RH higher than 80%. Temperature of the object to be sprayed must be at least 3°C above dew point. See the dew point table on the download page of our website (www.biccs.nl). Good ventilation is required during application and drying.

Safety

Only for professional use. See the appropriate safety datasheet, downloadable from our website: www.biccs.nl.

For more information about this product please contact our laboratory by phone or email.

The information provided in this product data sheet is based on precision 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 using or referring to this data sheet, except where otherwise agreed in writing.

The information in this data sheet is subject to amendment, and is the result of practical experience and continuous product development. This data sheet replaces all earlier publications, and it is therefore the responsibility of the user to make certain that this sheet is the correct version for the product, before starting to use the product.