



BICHOLUX HB COATING SEMI MATT-30

1C high build coating based on alkyd resins

Description

Bicholux HB Coating Semi Matt-30 [1156] is a solvent based fast-drying 1C high build coating, semi matt, based on medium oil alkyd resins.

The advantage of this 'Direct To Metal' coating is that it functions as a primer and topcoat at the same time. Due to the high build character, the product can be set up 'full' and the chance of sagging is small.

This saves considerably compared to a conventional two-layer primer/finish system!

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
- 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. 30% (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	: 24 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..



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-30 [1156] are lead and chromate free.

Thinner :

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

Note: indicative layer thickness per layer. For system layer thicknesses in accordance with ISO 12944 (see 'BICCS Paint Systems', www.biccs.nl) or contact your account manager or the Technical Support department for project-based advice.

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

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, please contact your BICCS account manager or the Technical Support department.

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