



BICHOWOOD 2C SATIN GLOSS ENAMEL

PRODUCT CODE: 9853

Description

Bichowood 2C Satin Gloss Enamel is a high quality 2 component finish based on a non-yellowing acrylate resin combination with an aliphatic isocyanate hardener.

Bichowood 2C Satin Gloss Enamel is specially developed for industrial applications, such as a durable 2C decorative finish for kitchen joinery and office furniture.

Features

- fast-drying
- hard and durable satin gloss film
- good spreading under normal conditions
- excellent resistance to fingernails, wear and tear, and chemicals
- good moisture-resistance in damp areas, such as kitchens
- good blocking resistance, enabling sprayed objects to be stacked quickly following application
- very readily sanded
- air and forced drying

Uses

As durable 2C decorative enamel for industrial applications that demand a high level of hardness, scratch resistance and wear resistance, such as doors, panels, chairs, tables, office furniture, kitchen joinery, storage systems, etc.

Bichowood 2C products are geared to the needs of the following market segments: furniture industry, door manufacturers, interior builders, kitchen manufacturers, contract spraypainters and parquet manufacturers.

Specifications

(at 20°C)
(without spray thinning)

Finish	: satin gloss
Gloss level (60°)	: approx. 40
Colour	: As per BICCS "BC-S"
Theoretical coverage	: approx. 12 m ² /l at 40 µm dry film thickness
Specific gravity	: 1.12 (based on white)
Solids content	: 33 % wt. / 30% vol.
Flash point	: 25°C
Pot life	: 4 hours
Application conditions	: min. 5°C / 80% R.H.
VOC content	: 697 g/l (supply visc.)
Shelf life in can	: 1 year in original unbroken packaging (5 – 25°C)

APPLICATION INSTRUCTIONS



Surface preparation:

The surface must be completely clean, dry, and grease-free. Thoroughly remove any loose paint remnants. Thoroughly sand old, intact paint layers. If in doubt about the substrate, first paint a test area and assess the adhesion.

Primer:

Bichowood 2C White Filling Undercoat [9847]

Hardener:

Bichowood 2C Enamel Hardener [9888]

Mixing ratio in volume 10:1 (base:hardener):

1 litre base material – 0.10 litre Bichowood 2C Enamel Hardener [9888]
5 litres base material – 0.50 litre Bichowood 2C Enamel Hardener [9888]

Homogenise by intensive mixing.

Supply form (mixed):

65-105 sec DIN cup 4

Viscosity and thinning:

BICCS Thinner 0131

Air spray: 15 – 25% BICCS Thinner 0131

Airless: 5 – 15% BICCS Thinner 0131

Air spray:

Nozzle 1.2 – 1.8, 3 to 4 bar
20 – 25 sec. DIN cup 4

Airless:

Nozzle 0.009" - 0.011"
150 – 180 bar
30 – 50 sec. DIN cup 4

Spraying instructions:

1 - 2 cross-coats.

Recommended film thickness:

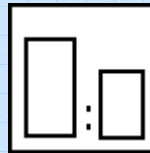
Min. 100 µm wet
Min. 40 µm dry.

Tool cleaning:

Washing thinner or BICCS thinner 0131

Drying times:

Touch-dry	- approx. 30 min.
Tack free	- approx. 1 hour
Hard dry	- approx. 2.5 hours
For recoating	- approx. 24 hours
For re-spraying	- 10-15 minutes
For sanding	- approx. 24 hours
Cured	- approx. 5 days



Data at 20°C and 65% RH



Substrates

Doors, panels, chairs, tables, office furniture, kitchen joinery, desks and counters, storage systems, etc.

Additional Information

Bichowood 2C Satin Gloss Enamel can be obtained from the BICCS Industrial Colour System "**S**" in virtually every colour, and in various packaging units. The BICCS Industrial Colour System "**S**" colour mixing system is based on a system of no more than 15 universal colour pastes. All colour pastes in the BICCS Industrial Colour System "**S**" are free of lead and aromatics.

Colour paste dosing: the mixing ratio of Bichowood 2C Satin Gloss Enamel with BICCS BC-S Colour Pastes is 80:20 (base:colour paste) by volume.

Safety

See the appropriate safety sheet

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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.

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