



BICHOTHANE 2K PU Brushing Enamel

satin gloss

PRODUCT CODE: 3552

Description

BICHOTHANE 2K PU satin gloss Brushing Enamel is an industrial brush-applied 2K enamel based on polyurethane resin with an isocyanate hardener.

Features

- elastic
- tough and highly scratch-resistant
- long gloss retention
- attractive satin gloss finish
- highly chemical-resistant

Uses

For containers, steel structures and other industrial applications where stringent aesthetic demands apply to the finish, but sprayed enamel cannot be used.

Specifications

(tinted product at 20°C)

Finish	: satin gloss
Gloss level (60°)	: approx. 40-45%
Colour	: using BICCS colour mixing system
Theoretical coverage	: 9.3 m ² /l at 60 µm dry film thickness
Specific gravity	: 1.31 g/ml
Solids content	: 70% wt. / 56% vol.
Flash point	: 26°C
Application conditions	: min. 10°C / 80% R.H.
VOC content	: 391 g/l
Shelf life in can	: min. 1 year in original, unopened packaging (5 – 25°C)

APPLICATION INSTRUCTIONS

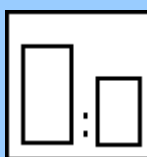


Surface preparation

The surface must be completely clean, dry, and free of grease and rust.

First sand old and intact paint layers.

Remove loose material and first treat the resulting bare patches with a suitable primer.



Mixing ratio base enamel : hardener

3 : 1 by volume¹

Hardener

Bichothane 2K PU Hardener for brushing quality

Potlife

4 hours



Viscosity and thinning

BICCS Thinner 0110

Max. 5 – 10% for brush application.

Unthinned for roller application.



Application instruction

Apply in a single full layer.

Recommended film thickness

Min. 110 µm wet

Min. 60 µm dry.

Tool cleaning

Washing thinner or BICCS thinner 0110

Drying times

Touch-dry

Tack free

For overcoating

approx. 2 hours

approx. 4 hours

after 48 hours or total curing,

provided lightly sanded

after curing

approx. 1 week

For sanding

Cured



Data at 20°C and 65% RH

¹ see additional information on page 2



Substrates

Old intact paint layers, clean, dry, free of grease, rust and contamination and adequately roughened if necessary.

2K Bipox HB Midcoat

2KBipox HB Zinc Phosphate Primer

Corr-O-Cryl 2K Adhesive Primer

Additional Information

Bichothane 2K PU Brushing Enamel drying can be accelerated at 60°C after a flash-off time of 1 hour at 20°C.

Coverage.

The BICCS computer program displays a default mixing ratio of 70 : 30 (base : colour paste).

Spray application is possible.

The standard mixing ratio with the Bichothane 2K-PU Hardener for Brushing Quality is 3 : 1 enamel : hardener.

When especially stringent demands are made on the hardness, abrasion resistance, etc., the mixing ratio must be 2 : 1.

Safety

See the appropriate safety sheet.

Version : 2.0

Date of publication : January 2005

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.

The data in this information 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, before proceeding to use the product to which it pertains.



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.