



BICHOTHANE 2K PU Brushing Enamel

high gloss

PRODUCT CODE: 3553

Description

BICHOTHANE 2K PU high 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 high 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	: high gloss
Gloss level (60°)	: approx. 95%
Colour	: using BICCS colour mixing system
Theoretical coverage	: 9.5 m ² /l at 60 µm dry film thickness
Specific gravity	: 1.22 g/ml
Solids content	: 69% wt. / 57% vol.
Flash point	: 26°C
Application conditions	: min. 10°C / 80% R.H.
VOC content	: 379 g/l
Shelf life in can	: min. 1 year in original, unopened packaging (5 – 25°C)

APPLICATION INSTRUCTIONS

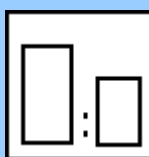


Surface preparation

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 approx. 2 hours

Tack free approx. 4 hours

For overcoating after 48 hours or total curing, provided lightly sanded



For sanding after curing

Cured approx. 7 days

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
2K Bipox 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.

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

Spray application is possible.

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

The mixing ratio changes to 2 : 1 (enamel : Hardener) when:

- especially stringent demands are made on the hardness, abrasion resistance, etc.
- the Brushing Enamel is applied as semi-transparent enamel
- the colours Ral 5002, Ral 5022 and Ral 9005 are mixed.

Safety

See the appropriate safety sheet.

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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

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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.