



BICHODUR 2C STRUCTURE TOPCOAT

PRODUCT CODE: 9298

Description

BICHODUR 2C Structure Topcoat 9298 is a 2 component effect finish with a fine granular structure, and is based on high quality acrylate resin and an isocyanate hardener.

The addition of synthetic structure powder and a 'non-leaving' aluminium flake creates an attractive structure effect with a brilliant appearance.

BICHODUR 2C Structure Topcoat 9298 should be applied as a top coat over an existing paint layer (in a plain colour).

Features

- Durable 2C satin gloss top coat for long-term protection and enhancement.
- Attractive appearance thanks to granular structure in combination with the sparkle of aluminium particles in the enamel.
- Weather-resistant; suitable for both indoor and outdoor applications.
- Very easy to work with.

Uses

As a durable effect finish over existing paint systems, for protection and enhancement. Moreover, the structure effect masks small irregularities and damage in the substrate.

Specifications

(at 20°C)
(without spray thinning)

Finish	: satin gloss effect finish
Gloss level (60°)	: approx. 50%
Colour	: not applicable
Theoretical coverage	: approx. 12 m ² /l at 40 µm dry film thickness
Specific gravity	: 1.32 g/ml
Solids content	: 67% wt. / 50% vol.
Flash point	: 25°C
Application conditions	: min. 5°C / 80% R.H.
VOC content	: 430-445 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. The substrate should preferably be pre-sanded and de-greased using a suitable de-greasing solution for the substrate in question.

If in doubt about the substrate, first paint a test area and assess the adhesion to any dubious existing paint layer.

To prevent condensation from forming, the surface temperature should be at least 5°C above the dew point.

Mixing ratio

Base : hardener 9280
3 : 1 by volume

Hardener

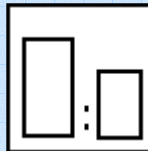
Bichodur 2C DTM Hardener 9280

Pot life (20°C)

4 hours

Supply form (mixed)

60-100 sec DIN cup 4



Viscosity and thinning

BICCS Thinner 0102
Air spray: 25 – 30% BICCS Thinner 0102

Air spray

Nozzle 1.2 – 1.8, 3 to 4 bar
25 – 30 sec. DIN cup 4

Airless

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

Spraying instructions

1 or 2 thin cross-coats.

Recommended film thickness (structure-dependent):

Max. 80 µm wet
Max. 40 µm dry.

Tool cleaning

Washing thinner or BICCS thinner 0102



Drying times

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

Data at 20°C and 65% RH



Additional Information

Bichodur 2C Structure Topcoat 9298 should be applied over existing paint layers of Bichodur 2C DTM paint systems once they have dried.

When Bichodur 2C Structure Topcoat 9298 is to be used over an unknown paint system, it is essential to first paint a test area.

When applying Bichodur 2C Structure Topcoat 9298 over existing coloured paint layers, colour differences may appear.

Before and during the use of Bichodur 2C Structure Topcoat 9298, stir the product regularly to ensure that the distribution of structure powder and aluminium particles remains consistent.

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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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.