



# BICHOOTHANE 1C-PU FILLER PRIMER WHITE

*1 component filler primer based on polyurethane resin and nitrocellulose*

## Description

Bichothane 1C PU Filler Primer White [9047] is a solvent based very fast-drying filler primer based on a combination of polyurethane resin and nitrocellulose.

## Properties

- Very fast-drying
- Filling power
- Rapidly sanding-ready
- Suitable for spraying
- Bichothane 1C products are lead and chromate free
- Available in standard colour white

## Typical Applications

For industrial applications such as machine parts. As filler primer on MDF, chipboard and other woody materials.

## Substrates

- steel
- MDF
- chipboard

## Technical Specifications

(product at 20°C)

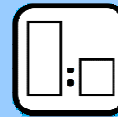
Finish	: matt
Gloss level (°)	: not measured
Colour	: white
Theoretical consumption	: approx. 5,6 m <sup>2</sup> /ltr. at 40 µm DFT
Specific gravity	: 1,14 g/ml
Solids content	: 42% by weight / 22% by volume
Flashpoint	: 7°C
Application conditions	: min. 5°C / 80% R.V.
VOC content	: 666 g/l
Shelf life 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.



### Viscosity and thinning

BICCS Thinner 0104 [9164]  
Max. 10 – 20%.



### Airspray

Nozzle : 1.5 – 1.8  
Pressure : 3 to 4 bar  
Viscosity : 25 – 30 sec., DIN cup 4

### Airless

Nozzle : 0.011" - 0.013"  
Pressure : 110 – 130 bar  
Viscosity : 30 – 50 sec., DIN cup 4

### Spraying instructions

Spray a thin layer first, followed by 1 – 2 cross-layers. It is essential to sand between coats.

### Recommended film thickness

Min. 160 µm WFT < > 40 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 0104 [9164]



Data at 20°C  
and 65% RH

### Drying times

Dust-free : approx. 15 minutes  
Tack-free : approx. 30 minutes  
For re-spraying : approx. 1 hour  
(a little sanding is required)  
For sanding : approx. 1 hour  
Hard drying time : after 7 hours

## Additional information

Bichothane 1C PU Filler Primer White [9047] can be force-dried at 60°C. With 2 or more layers, observe a flash-off time of approx. 30 minutes. It is essential to sand between coats.

## 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](http://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](http://www.biccs.nl).

*For more information, please contact your BICCS account manager or the Technical Support department.*

The information provided in this product data sheet is based on precision 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 PearlPaint Group, 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. PearlPaint Group 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. PearlPaint Group therefore accepts no liability of any kind pertaining to loss or damage as a consequence of using or referring to this data sheet, except where otherwise agreed in writing.

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