

# BILACRYL PU C160

## Two-pack PUR Filler

### Product Description

High quality 2-pack filler with excellent film build and good sanding properties. Good chemical properties. Can be over-coated with many 1-pack and 2-pack finishing coats.

### Areas of Application

Filler for high-grade products which must satisfy the highest demands, such as machine parts and casings. Highly suitable as prime coat for high-grade MDF laminates and as intermediate coat for optimal finishing varnishes.

### Application and Addition of Thinner

Conventional spraying.

Processing temperature not below + 5 °C.

Mould release agents should be removed with suitable cleaners.

Can be overcoated with Bilacryl PU C160 after 6 hours at 20 °C. Can be sanded after 6 hours.

Application	Thinning	Nozzle	Pressure
Conventional Spraying	with 10 - 15 % V2 on 23 - 25" DIN 4	1.5 - 1.8 mm	3 - 4 bar
Elektrostatic Spraying	with 10 - 15 % V2 on approx. 25" DIN 4	Depending on equipment	

### Special Notes

H4 Hardener is **moisture-sensitive**.

Our data are based on a dry coat thickness of approx. 40 µm, standard climate 23/50 DIN 50014.

The information contained in this technical data sheet is based on general technical standards and is meant for specialists. Any changes in the recommended operating procedures or specified environmental conditions may influence the results significantly. Our guarantee covers only the quality of the material delivered. We do not accept any responsibility for the application. In case of doubt, we recommend contacting our Technical Service. Our products are under constant development. Therefore please note date of issue of our technical data sheet and ask for latest edition.

### Safety Measures

BILACRYL PU C160 contains solvents and is combustible, therefore must be protected from heat and kept away from open fires. Ensure adequate ventilation and do not inhale vapours. All regulations regarding work hygiene and operational measures must be observed.

### Technical Data

<b>Binder</b>	2-pack Acrylate-Isocyanate
<b>Finish</b>	Matt
<b>Colour</b>	White
<b>Substrate</b>	Steel, galvanized iron, aluminium (chromatized for exterior use). MDF fibre board and many hard plastics. Primed and filled areas. The substrate must be dry, free of grease and dust. For higher demands, blast clean steel according to ISO 8501-1, Sa 2½. Remove abrasive residue and dust from surface. Recoat as soon as possible after blast cleaning to prevent corrosion.
<b>Thinner</b>	V2 The use of other thinners can result in defects and quality impairment.
<b>Packaging</b>	Pigment: 10 kg disposable containers Hardener: 1 kg disposable containers
<b>Storage</b>	Pigment: 12 months, Hardener: 6 months in unopened, original containers at 20 °C.
<b>Waste disposal</b>	Residues are considered as special refuse and must be treated as such, VeVa-code 08 01 11.

<b>Components</b>	2
<b>Hardener</b>	H4
<b>Mixing ratio</b>	10 : 1 wt.-parts
<b>Potlife</b>	approx. 8 hours at 20 °C
<b>Drying (23 °C)</b>	Dust-free approx. 10 min. Dry to touch approx. 30 min. Sandable after approx. 6 hours Drying times depend on film thicknesses, substrate and air temperatures.
<b>Forced drying</b>	Possible after 10 minutes evaporation, e.g. 30 minutes @ 80 °C.

<b>Solids content weight-%</b>	approx. 74 %	} Mixture, white
<b>Solids volume</b>	approx. 55 %	
<b>Density (20 °C)</b>	approx. 1.6 kg/l	
<b>Maximal dry coat thickness</b>	max. 150 µm	
<b>Theoretical consumption</b>	approx. 210 g/m² @ 80 µm	

	<b>BILACRYL PU C160</b>	<b>Hardener H4</b>	<b>Thinner V2</b>
<b>Flash point</b>	26 °C	1 °C	- 4 °C
<b>UN-No.</b>	UN-free	1263	1263
<b>Danger class RID/ADR</b>	Not applicable	3 II	3 II
<b>VOC content</b>	29 %	55 %	100 %

(replaces issue 11.01)

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