

BILACRYL PU D12

textured top-coat satin gloss

Product description

High quality two-pack textured top-coat. Excellent chemical and mechanical characteristics. Resistant to hand perspiration, weak acids, chemicals and water. Excellent light fastness and weather resistance. The finally cured coating is hard, flexible, abrasion resistant, dirt repelling and easy to maintain. Thermal durability at 120 °C dry.

Areas of application

Top-coat textured for high quality products, meeting highest demands.

Machine parts, casings, ticket-machines, letterboxes, elevators, office furniture, TV- and HIFI-equipment, car fittings, car parts, etc.

Application and Addition of Thinner

Pressure tank or pressure cup gun (also suitable for Two pack Mixing equipment).

Do not apply at temperatures below + 5 °C. Surface temperature must be at least 3° C above dew point to prevent condensation during application.

After mixing with curing agent H2 the reaction will start, whereby with the enduring of potlife the viscosity will rise. To obtain a regular structure you have to adapt the spraying parameters to match the changed viscosity.

Application	Thinning	Nozzle	Pressure
Pressure tank			
Rough texture	1,0 - 1,5 bar	1,2 - 1,8 mm	3 - 4 bar
Fine texture	1,5 - 2,5 bar	1,0 - 1,5 mm	

Special note

Curing agent H2 **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. Any changes in the recommended operating procedures or specified environmental conditions may influence the results essentially. In case of doubt, we recommend to contact our technical service. Our products are under constant development. Therefore please observe date of issue of our technical data sheet and ask for latest edition.

Safety measures

BILACRYL PU D12 textured top-coat for solvents and is combustible, therefore protect from heat and keep away from naked flames. Sufficient air circulation must be provided. Do not inhale vapours. All regulations regarding hygiene of work and operational measures must be observed.

Technical data

Binder	2C Acrylate-Isocyanate
Finish	Satin gloss
Colour	Colour cards RAL, NCS or sample
Substrate	Two pack primers, e.g. - DUOPOL EP C100 - BILADUR EP C90 - VERNIT EP C400 - BILACRYL PU C160 - DUOPOL EP D253 (mid coat) - AMERLOCK 400 AL + COLOR The surface must be dry, free of grease and dust. To achieve a good coverage property with the lead free yellow, orange and red colours, we recommend the use of a white primer.
Thinner	V2 The use of other thinners can lead to defects and loss of quality.
Packaging	Pigment: 5 / 10 kg disposable cont. Hardener: 1 / 2 kg disposable cont.
Storage	Pigment components 12 months, hardener 6 months in original, unopened containers at 20 °C.
Waste disposal	Residues and expired material are considered as special refuse and are to be taken to the toxic waste disposal unit, VeVa-code 08 01 11.

Components	2
Hardener	H2
Mixing ratio	5 : 1 weight-parts
Potlife	approx. 4 hours at 20 °C
Drying (20 °C)	Dust-dry ca. 30 min. Dry to touch ca. 4 hours Transportable ca. 24 hours Drying times depend on film-thickness, substrate and air temperatures.
Forced drying	Possible after 10 min. flash-off time, e.g. 30 min. @ 80 °C.

Solids content	by weight : approx. 68 %	} mixture, } white
Density (20 °C)	by volume: approx. 57 % approx. 1,3 kg/l	
Theoretical consumption	approx. 100 g/m ² @ 40 µm	

	BILACRYL PU D12	Hardener H2	V2
Flashpoint	25 °C	27 °C	- 4 °C
UN-No.	UN-free	1263	1263
Danger class RID/ADR	free	3 III	3 II
VOC content	31 %	44 %	100 %

(replaces issue 05.07)

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