

# 2C PUR lacquer ZY-20

2-component PUR topcoat with hardener ZA-01 for indoor and outdoor application.



## Product description

### Application range

Combined with 2C-primers, e.g. ReiColor ZG-02 highly suitable for coating systems for usual outdoor corrosion protection on steel, aluminium and hot dip galvanized steel. Optimally suitable for topcoats of machines, plants, commercial vehicles, construction and agricultural machines.

### Properties

- fast drying
- good levelling
- high covering power
- excellent adhesion
- UV-resistant

### Colour shades

RAL, NCS and special colours

### Gloss level

glossy to semi-bright

### Application rate

approx. 7 m<sup>2</sup>/kg (60 µm DFT)

### Solid content

approx. 65% (depending on colour shade)

### Binder agent

hydroxyacrylat with aliphatic polyisocyanate

### Delivery sizes

1,0 kg ZY-20 + 0,1 kg ZA-01  
 5,0 kg ZY-20 + 0,5 kg ZA-01  
 10,0 kg ZY-20 + 1,0 kg ZA-01  
 25,0 kg ZY-20 + 2,5 kg ZA-01

### Temperature resistance

approx. 100 – 120°C, on short-term even higher

### Hardener

ReiColor ZA-01

### → Basis

aliphatic polyisocyanate

### → Mixing ratio

part A : part B in wt% 10 : 1

### Note

ZY-20.01.9106.5 corresponds to RAL 9006,  
 ZY-20.01.9107.5 corresponds to RAL 9007.

## Handling

<b>Material preparation</b>	Before using mix thoroughly compound A with compound B.
<b>Application method</b>	<p><u>Extruding:</u> High pressure method with 1,5 – 2 mm injector, 4 – 6 bar, if necessary, add a little solvent.</p> <p><u>Airless spraying:</u> Spraying pressure of spray gun min. 180 bar, injectors from 0,38 – 0,53 mm, spraying angle 65 – 80°.</p> <p><u>ESTA (electrostatic) spraying:</u> E.g. with Ransburg No. 2 or similar machines. Adjusted for electrostatic processing. Consider manufacturer's instructions.</p>
<b>Application temperature</b>	material and substrate temperature at least + 5°C
<b>Substrates</b>	steel, aluminium, hot dip galvanized steel
<b>Substrate preparation</b>	Carefully observe the relevant standards EN ISO 12944 and the Technical Directives for Painting and Coating Work, Code of Practice No. 5: "Coatings on zinc and galvanised steel" of the Federal Committee of "Paint and asset protection".
<b>Working life</b>	approx. 6 hours
<b>Solvents</b>	ReiColor tinner VA-70
<b>Drying method</b>	Dry to core only after several days. Be careful with masking or stacking and transporting of painted objects! Danger of sticking! Take preventive measures to avoid sticking of freshly painted parts! Avoid inadequate flash-off time when working wet-in-wet.
<b>Drying time T1 (dust dry)</b>	approx. 30 min (approx. 60 µm/+20°C)
<b>Drying time T6</b>	approx. 7 - 8 hours (approx. 60 µm/+20°C)
<b>Working instruction</b>	The colour shade "gold" ZY-20.01.9110.0 has got a relatively short pot life, especially depending on temperature and preparation quantity. Due to this the colour shade gold is only offered in 1-kg-bundles + 100 g hardener. In this case you can presume a pot life of approx. 1 hour.

## Notes

<b>Shelf-life</b>	in original, unopened can at least 2 years, unmixed, store cool and dry from delivery
<b>Safety instructions VOC</b>	Cat. B/e: 840 g/l (2007). When mixed with part B this

## Hazard notes

product contains max. 840 g/l VOC.

Observe Safety Data Sheet. Further directions, e.g. the technical guideline for the handling of hazardous materials are to be considered.

**Data base:** All technical information in this data sheet is based on laboratory tests and may deviate from values actually resulting from practical use.

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