



TWO COMPONENT TOP COAT

REM ACRYL 21 TOP COAT

- excellent UV and weather resistance
- high chemical resistance
- splendid opacity in spite of minor layer thickness
- easy application – fast drying

Solvent-based 2-component top coat based on PUR-AC resin with an aliphatic isocyanate hardener for rail vehicles used in local and long-distance traffic as well as for general industry purposes. High gloss top coat with high chemical resistance (graffitis) and high colour-shade stability.

REM ACRYL 21 TOP COAT

Shelf life:	24 months
Solids content:	DIN 53211 59 +/- 3 % in mixture (e.g., colour shade white)
Volume-solids content:	calculated 47 +/- 3 % in mixture (z.B. Farbton weiß)
Spec. gravity:	1,15 +/- 0,05 g/ml/20 °C in mixture (e.g., colour shade white)
Theor. spread rate:	berechnet 124 g/m ² /50 µm TSD in mixture (e.g., colour shade white)

TECHNISCHE DATEN

Farbton:	nach RAL, NCS
Glanzgrad:	hochglänzend bis matt
Untergrund:	Grundierung: EPOXY 41 Universalgrund EPOXY 51 Universalgrund REM PUR 81 Grund wasserverdünnbar Füller: EPOXY 41 Universalgrund PUR Grundfarbe 51 Aqua Füller 41

APPLICATION

Processing:

Spray gun and airless spraying (airmix)

Application instructions:

Optimal processing temperature 18-28 °C

Ideal humidity at processing: 40-60 % R.H.

Maximum humidity at drying process: 80 % R.H.

Delivery viscosity:

DIN 4 mm, 60–80 sec. comp. A

Mixing ratio:

2 parts by weight Rem Acryl 21 Top Coat

1 part by weight PU Hardener 401

The hardener component has to be stirred mechanically.

Pot life:

6 hours at 20 °C in mixed status

Thinner:

200 (normal) 7205 (quick) 222 (slow)

After mixing both components the material is ready for processing.

ADJUST WITH THINNER 200 TO RECOMMENDED PROCESSING VISCOSITY.

PROCESSING	NOZZLE TYPE	VISCOSITY	THINNER % BY WEIGHT	PRESSURE
Spraying gun	1,5 mm	20 – 25 sec. DIN 4	ca. 0–10 %	4–5 bar
Airless (Airmix)	0,28 mm	20 – 30 sec. DIN 4	ca. 0–10 %	> 120 bar

Viscosity data depending on equipment.

DRYING TIME

TROCKNUNG	GRAD	ZEIT
Forced drying	reworkable: or:	2 Std./40 °C/50 µm DFT 1 Std./60 °C/50 µm DFT
IR drying	short-wave possible	10 min.
Drying at room temperature	dust free: non-sticking: reworkable:	30 min./20 °C/50 µm DFT 2 Std./20 °C/50 µm DFT 12 Std./20 °C/50 µm DFT

This data is based on experience, for its completeness we assume no liability. As we take no influence on the processing, it lies within the obligation of the customer to test, whether it is suitable for the intended purpose, before using the product. Any change in the processing procedure, the environmental conditions or the failure to comply with instructions may unfavourably influence the result.