



TWO COMPONENT TOP COAT

REM PUR 310 DECKLACK WV B

- certifications of ÖBB/DB/SBB
- excellent weather and UV resistance
- extremely high resistance to graffiti

Waterborne 2-component PUR top coat with excellent weather and UV resistance and very good graffiti removability. Applicable as high-quality top coat for the rail and general industry. This coating is approved by ÖBB, DB and SBB.

REM PUR 310 DECKLACK WVVB

Shelf life:	at least 18 months
Solids content:	EN ISO 3251 59 +/- 3 % in mixture (e.g. white)
Volume-solids content:	calculated 51 +/- 3 % in mixture (e.g. white)
Spec. gravity:	1.21 +/- 0.05 g/ml in mixture (e.g. white)
Theor. spread rate:	calculated 118 g/m ² /50 µm DFT in mixture (e.g. white)

TECHNICAL DATA

Colour shade:	according to RAL, NCS or at customer's request
Gloss degree:	gloss to matt
Substrate:	Priming: EPOXY 41 Universalgrund EPOXY 51 Universalgrund REM PUR 81 Grund wvb EPOXY 61 S Grund wvb Filler: PUR Grundfarbe 51 Aqua Füller 41
Recommended TSD:	40–60 µm

APPLICATION

Processing:

Spraying gun, Air spraying with diaphragm pump, 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.

Mixing ratio:

3 parts by weight REM PUR 310 Decklack wvb

1 part by weight PU-Härter 418/H1

The hardener component has to be stirred mechanically.

Pot life:

After mix with hardener, viscosity must be checked by water – approx. 3–4 hours at 20 °C in mixed status

Thinner:

DI-water or rather drinking water quality

Immediately after processing tools have to be cleaned with water, if necessary rinse with thinner 200 – Alternatively cleaning exclusively by thinner 200. The tools must be suitable for waterborne products, consider manufacturer data. Cleaning dilution has to be duly recycled, don't waste into canalisation!

ADJUST WITH WATER TO RECOMMENDED PROCESSING VISCOSITY.

PROCESSING	NOZZLE TYPE	VISCOSITY	THINNER % BY WEIGHT	PRESSURE
Spraying gun + Diaphragm pump	1,2 – 1,5 mm	20 – 30 sec. DIN 4	15 – 20 % water	4 – 5 bar
Airmix	0,23 mm	25 – 30 sec. DIN 4	15 – 20 % water	60 – 100 bar

Viscosity data depending on equipment.

DRYING TIME

DRYING	DEGREE	TIME
Forced drying	recoatable (TG6): or:	2 hrs/40 °C/50 µm DFT 1 hr /60 °C/50 µm DFT
Drying at room temperature	dust free (TG1): reworkable (TG6):	90 min/20 °C/50 µm DFT 4 hrs/2 °C/50 µm DFT

Allow to flash-off for at least 30 min. at room temperature, before the forced drying process begins.

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.