



TWO COMPONENT BASECOAT

REM PUR 610 BASISLACK WVW

- certifications of ÖBB/DB/SBB
- extremely fast drying
- high opacity

Waterborne 2-component PUR basecoat with high-quality pigmentation and excellent UV resistance. Especially suited for application in the rail industry for short- and long distance transportation. This coating is approved by ÖBB, DB and SBB.

REM PUR 610 BASISLACK WVVB

Shelf life:	at least 18 months
Solids content:	EN ISO 3251 50 +/- 3 % in mixture
Volume-solids content:	calculated 37 +/- 3 % in mixture
Spec. gravity:	1.23 +/- 0.05 g/ml in mixture
Theor. spread rate::	calculated 167 g/m ² /40 µm DFT in mixture

TECHNICAL DATA

Colour shade:	according to RAL, NCS
Gloss degree:	semigloss
Substrate:	Filler: Aqua Füller 41 PUR Grundfarbe 51 Primer: EPOXY 41 Universalgrund EPOXY 51 Universalgrund REM PUR 81 Grund wvb EPOXY 61 S Grund
Processing:	Rem PUR 310 Klarlacke PUR 31 Klarlack Rem Acryl 21 colourless

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, 100 – 120 sec.

Mixing ratio:

6 parts by weight REM PUR 610 Basislack wvb
1 part by weight PU-Härter 418
The hardener component has to be stirred mechanically.

Pot life:

After mix with hardener, viscosity must be checked by water approx. 3 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 mm 1,5 mm	thixotrop	10 %	4 – 5 bar

Viscosity data depending on equipment.

DRYING TIME

DRYING	DEGREE	TIME
Forced drying	reworkable (TG6): or:	2 hrs/40 °C/40 µm DFT 1 hrs/60 °C/40 µm DFT
Drying at room temperature	dust free (TG1): reworkable (TG6):	40 min/20 °C/40 µm DFT 10 hrs/20 °C/40 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.