



TWO COMPONENT TOP COAT

EPOXY 61 S DECK WVB

- certifications of ÖBB/DB/SBB
- high resistance to chemicals and detergents
- minimal share of solvents < 3 %
- economical to apply – 0.15 kg/m² at 50 µm TSD

Waterborne 2-component epoxy resin combination-top coat for use in the rail vehicle sector (certifications of ÖBB/DB/SBB) and for applications in the industry. This top coat distinguishes with its excellent chemical resistance and high elasticity.

EPOXY 61 S DECK WVVB

Shelf life:	at least 18 months
Solids content:	60 +/- 3 % in mixture
Volume-solids content:	calculated 45 +/- 3 % in mixture
Spec. gravity:	1.42 +/- 0.05 g/ml/20 °C in mixture
Theor. spread rate:	calculated 243 g/m ² /80 µm DFT

These values may differ depending on the colour-shade.

TECHNICAL DATA

Colour shade:	according to RAL and NCS
Gloss degree:	semigloss
Substrate:	Epoxy 61 S Grund wvb Epoxy 41 Universalgrund Epoxy 51 Universalgrund

APPLICATION

Processing:

Spraying with air-spraying, airless and 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.
No processing below 15 °C!

Delivery viscosity:

thixotrop

Mixing ratio:

6 parts by weight	Epoxy 61 S Deck wvb
1 part by weight	EP-Hardener 61 wvb

The hardener component should be stirred mechanically.

Pot life:

max. 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
Air spraying	1,8 mm 2,0 mm	-	ca. 5 – 10 %	4 – 5 bar
Airless (airmix)	0,28 – 0,33 mm	delivered viscosity	0 %	> 150 bar

Viscosity data depending on equipment.

DRYING TIME

DRYING	DEGREE	TIME
Forced drying	reworkable: or:	2 hrs/40 °C/80 µm DFT 1 hr/60 °C/80 µm DFT
Drying at room temperature	dust free (TG1): reworkable (TG6):	60 min/20 °C/80 µm DFT 16 hrs/20 °C/80 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.