

DOCO PUR CLEARCOAT 8000

REM PUR 310 Klarlack

Technical information Version

(1.0) 02/26

High-quality clearcoat for rail vehicles and general industry

Beschreibung

- Areas of application
- 2-component PUR topcoat, water-dilutable
 - Excellent weather and UV resistance
 - High transparency
 - Very good resistance to graffiti
 - Recommended dry layer thickness 40 – 60 µm
 - Approved by ÖBB, DB, SBB

Core data

Density	Approx. 1.06 kg/l
Solid state	approx 48 % by weight approx 46 % by volume
Mixing ratio	3 : 1 with DOCO PUR Hardener 8000 Stir in the hardener component mechanically
Pot life	When mixed: 2 hours at 20°C
Gloss level	Gloss - Matt
Tintable	Colourless
Storage life	18 months
Processing temperature	Optimum processing temperature 18 - 28 °C Ideal air humidity during application 40 - 60 % r.h. Maximum humidity for drying 80 % r.h.

Substrate / Processing

Application	Material pressure (bar)	Atomizer pressure (bar)	Nozzle (mm)
Compressed air (cup gun)	Ca. 3.0	–	1.4 – 1.6
Compressed air (diaphragm pump)	2.0 – 3.5	3.0 – 3.5	0.8
Airmix	1.8 – 2.5	2.0 – 3.0	0.23

Dilution	Viscosity (s)	Addition (%)	Thinner
	Compressed air (cup gun)	20 – 25 s DIN 4 mm / 20°C	– Demineralised water or drinking water quality
	Compressed air (diaphragm pump)	20 – 25 s DIN 4 mm / 20°C	– VE-Wasser bzw. Trinkwasserqualität
	Airmix	24 – 28 s DIN 4 mm / 20°C	– VE-Wasser bzw. Trinkwasserqualität
Drying	Forced drying Flash-off conditions Drying conditions or 3 Std. / 60°C / bei 50 µm TSD		Ca. 30 Min / 20 °C Ca. 4 h / 40 °C
	Drying at 20°C Dust dry Touch-dry with 50 µm TSD		Ca. 40 Min Ca. 8 h
Structure	Recommended basecoats		
	<ul style="list-style-type: none"> ▪ DOCO PUR Basecoat 6000 ▪ DOCO PUR Basecoat 6101 		
Coverage	115 g/m ² / 50 µm TSD		
Tool cleaning	Immediately rinse thoroughly with DOCO PUR Thinner 9100 or similar.		

Quality and environment

swiss  quality

Dold AG was founded on August 01, 1921 by Hans Dold in Wallisellen. Until Dold is still located at the same site and is one of the leading paint and varnish manufacturers in paint manufacturers in Switzerland. In Wallisellen, Dold AG develops and manufactures its innovative range of paints and varnishes for the construction painter as well as for industrial customers.



Swiss paint and varnish factory certified according to ISO 9001 / 14001 / 45001. Dold AG is one of the few one of the few paint and varnish factories which not only has its quality management, management, but also its environmental management system, as well as the occupational safety and health protection processes have been certified. These certifications are a clear commitment for Dold AG towards all its commitment to all its stakeholders.



Environmentally friendly products are a concern for DOLD. The foundation KMU Clima confirms Dold AG's contribution to voluntary climate protection. For this concern all direct emissions of CO₂ in form of electricity, heating and mobility are compensated by DOLD to a reforestation project in Uruguay. This is a long-term contribution to climate protection and for the sake of the environment.

The above information is for general guidance only. The working conditions beyond our control and the large number of different substrates mean that no claims can be made on the basis of this information. In case of doubt, we recommend that you carry out sufficient tests yourself. A guarantee can only be given for the consistently high quality of our products. All previous editions of this data sheet hereby lose their validity.