

DAY 210-90

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Technical information Version

(1.0) 02/26

Beschreibung

Areas of application Fast-drying 1K acrylic paint for full and partial painting of vehicles and machinery, and for use as a top coat on metal structures. Ideal for filling spray cans.

Core data

Properties	Delivery viscosity	DIN 4 mm 125 - 150 s		
	Binder	Acryl-Copolymer		
	Density	Approx. 1.1 kg/l		
	Solid state	45-50% by weight		
	Temperature resistance	Constant	70 °C	
		exposure:		
		Short-term exposure:	130 °C	
	Gloss level	75 - 90 % / 60° (high gloss) - DIN 67 530		
	Storage life	Store in tightly closed original container for 3 years at 5 - 25°C.		
	VOC	58.36 %		
Processing temperature	From +10° C and up to 80% relative humidity			

Substrate / Processing

Substrates The substrate must be prepared according to the usual requirements: free from rust, grease, oil and scale; clean and dry. Wood, metals, plastics, synthetic plasters, concrete and fibre cement must be appropriately primed. Sand 2K paints and stoving coatings.

Application

Air / gravity-feed gun

Pressure (bar)	Nozzle	Spray coats	Dilution
4 - 5 bar	1.3 - 1.5 mm	2 - 4	25 - 30 %

HVLP

Pressure (bar)	Nozzle	Spray coats	Dilution
2.5 - 3 bar	1.3 - 1.4 mm	2 - 4	25 - 30 %

Drying at 20 °C	Dust-dry (TG1) Touch-dry (TG4) Ready for installation (TG6) Ready for overpainting	After approx. 10 - 15 minutes After approx. 20 - 25 minutes After approx. 1 - 2 hours After approx. 15 minutes
Drying at 60 °C	Ready for installation (TG6)	After approx. 30 minutes
	Final hardness is achieved after 2 days (20°C).	
Structure	Recommended structure Iron, steel, aluminium: Primer --> DVB 100-20, Docamin Grundierung, DEP 100-20, Aqua Universalgrund Top coat --> 1K Acryllack	
Coverage	6 – 8 m ² /kg	
Tool cleaning	Clean tools immediately after use with nitro thinner.	

Information

Hazard warnings For further information see the corresponding EU safety data sheet.

Important **Dilution**
6290 universal thinner

Further properties

- Short drying time
- Can be electrostatically processed
- High UV and weather resistance
- Adhesion (DIN 53 151)
Steel: Cross-cut test 0-1 (good)

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.