

DCN 200-30

NC top coat, silk matt

Technical information Version

(1.0) 02/26

Beschreibung

Areas of application Fast-drying nitro-combination paint for coating metal (machinery, equipment, structures) in interior and exterior applications, and for coating wood (furniture, wooden structural components) in interior applications.

Core data

Properties	Delivery viscosity	DIN 4 mm 130 - 150 s	
	Binder	Nitro-acrylic combination	
	Density	Approx. 1.1 kg/l	
	Solid state	30-35% by weight	
	Temperature resistance	Constant	120 °C
		exposure:	
		Short-term	150 °C
	Gloss level	exposure:	
			20 - 40 % / 60° (satin matt)
	Storage life	Store in well-sealed original container for 2 years at 5 - 25°C.	
VOC	68.89 %		
Processing temperature	From +10° C and up to 80% relative humidity		

Substrate / Processing

Substrates

Iron, steel: Clean, sand where necessary (remove rust, scale, rolling skin) and degrease with silicone remover

Wood: Clean, sand, remove resin secretions and resin pockets; maximum wood moisture: 15%.

Application	Air / gravity-feed gun			
	Pressure (bar)	Nozzle	Spray coats	Dilution
	4 - 5 bar	1.3 - 1.5 mm	2 - 3	40 - 50 %
	HVLP			
	Pressure (bar)	Nozzle	Spray coats	Dilution
	2.5 - 3 bar	1.3 - 1.5 mm	2 - 4	40 - 50 %
	Airless			
	Pressure (bar)	Nozzle	Spray coats	Dilution
	120 - 150 bar	0.28 - 0.33 mm	-	15 - 20 %
Drying at 20 °C	Dust-dry (TG1)	After approx. 5 - 10 minutes		
	Touch-dry (TG4)	After approx. 10 - 15 minutes		
	Ready for installation (TG6)	After approx. 1 hours		
	Final hardness is achieved after 2-3 days (20°C). The application of excessively thick coats can increase the drying time significantly.			
Structure	Recommended structure			
	Iron, Steel: Appropriately primed Top coat: DCN 200-30 (coat thickness: 20-30 µm)			
	Wood:			
	Primer: DCN 200-30 (coat thickness: 10-15 µm) Top coat: DCN 200-30 (coat thickness: 20-30 µm)			
Coverage	7.5 – 8 m ² /kg (with a dry coat thickness of 20 µm)			
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**
F 8096 universal cellulose thinner Nitro-Universalverdünner
Depending on type of application: 18-30 seconds DIN 4 mm.

Further properties

- UV and weather-resistant
- Very short drying time
- High level of hardness
- Soon ready for sanding and polishing

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.

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