

# DURO-PUR 25

2-component top coat, silk matt, solvent-based, for interior applicati

Technical information Version  
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Rapid-drying, 2-component top coat on a polyurethane-acrylate base. After hardening, produces a premium, extremely hard yet flexible coat with excellent chemical resistance. Due to the high-quality binding agents, the hardened coating surface does not yellow.

## Beschreibung

**Areas of application** For severely stressed industrial objects such as housings, apparatus, machines, switch boxes, etc. in interiors. For doors, doorframes, furniture indoors in the decorating sector.

## Core data

<b>Properties</b>	<b>Delivery viscosity</b>	Pasty (stir well before use)	
	<b>Density</b>	Approx. 1.2 kg/l	
	<b>Solid state</b>	Comp. A: Approx. 56 % (white) Mixed: Approx. 56 % (white)	
	<b>Texture</b>	Smooth	
	<b>Mixing ratio</b>	10 : 1 by weight	
	<b>Temperature resistance</b>	Constant	130 °C
		exposure:	
		Short-term	160 °C
		exposure:	
	<b>Pot life</b>	approx. 10 h	
	<b>Gloss level</b>	Silk matt	
	<b>Flash point</b>	24 °C	
	<b>Shades (stock shades)</b>	White	
	<b>Tintable</b>	With Spaceline system, manual tinting up to 3% is possible with suitable universal tinting pastes	
	<b>Storage life</b>	Store in tightly closed original container for 1 year at 5 - 25°C.	
<b>Processing temperature</b>	Do not process below + 5°C (object temperature), ideal temperature range 15 - 22°C.		
	Protect from direct sunlight.		
<b>Environmental label</b>	G		
<b>Highlight</b>	Rapid-drying, 2-component polyurethane-acrylate top coat		

## Substrate / Processing

Substrates	The substrate must be prepared according to the usual requirements: free from rust, grease, oil and scale as well as clean and dry. Depending on the type of substrate (metal, wood, plastic), suitable pre-treatment or primer coating is necessary.								
Application	<p>Spray application, can be diluted with 20–25% universal thinner, cellulose universal thinner or other thinner (retarders). For spray application of metallic paints, dilute by 10 – 20%.</p> <p><b>Airless spraying</b> Dilute with approx. 5 – 10 % universal thinner</p> <table border="0"> <tr> <td>Spray angle</td> <td>30 – 40°</td> </tr> <tr> <td>Nozzle</td> <td>0.009 – 0.011"</td> </tr> <tr> <td>Spray pressure</td> <td>120 – 130 bar</td> </tr> </table>	Spray angle	30 – 40°	Nozzle	0.009 – 0.011"	Spray pressure	120 – 130 bar		
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Drying	<table border="0"> <tr> <td>Dust-dry (TG1)</td> <td>After approx. 10 minutes</td> </tr> <tr> <td>Touch-dry (TG4)</td> <td>After approx. 2 hours</td> </tr> <tr> <td>Reworkable</td> <td>After approx. 1 - 2 hours</td> </tr> <tr> <td>Fully dried</td> <td>After approx. 7 days</td> </tr> </table> <p>The drying time depends on the relative air humidity, air and object temperatures and coat thickness. The data was determined for standard conditions at 20°C room temperature and 65% relative humidity. The hardening of the film can be greatly accelerated by raising the temperature (30–90 minutes at 60–85°C) (observe a flash-off time of at least 20 minutes).</p>	Dust-dry (TG1)	After approx. 10 minutes	Touch-dry (TG4)	After approx. 2 hours	Reworkable	After approx. 1 - 2 hours	Fully dried	After approx. 7 days
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Coverage	<p>8 – 10 m<sup>2</sup>/kg Consumption depends on the application method, the texture of the substrate and the coating thickness. The stated values are average figures from practice.</p>								
Tool cleaning	Clean immediately and thoroughly with thinner (e. g. universal or cellulose thinner).								

## Information

Hazard warnings	For further information see the corresponding EU safety data sheet.
Further information	The SMGV information sheets and the FSO guidelines must be observed.
Important	Only suitable for outdoor application on objects that only require temporary outdoor resistance, e.g. troughs, containers, etc.

## Quality and environment



The Spaceline tinting system is the ideal colour mixing solution for today's needs. It cuts your costs for expensive storage and gives you new flexibility of supply. Spaceline paint concentrates are universal colour pastes with high-quality pigmentation. You can use them to produce RAL, NCS, IGP and many other colours with the DOLD Spaceline tinting system.



With the environmental label, coating materials can be identified in a transparent and clear scheme according to environmental and health protection criteria, as well as suitability for use. The environmental label creates transparency for the builder, architect, planner and client. All products of Dold AG are classified in the category A to G.



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 CO<sub>2</sub> 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.