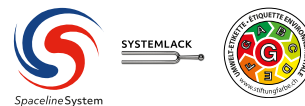


DURA[®]XAL LIQUID

2-component polyurethane top coat, dull-matt, solvent-based,
for interior and exterior applications

Technical information Version
(1.0) 02/26



swiss  quality

High-quality 2-component top coat as a wet coat variant of DURA[®]xal powder featuring excellent resistance to weathering and fading. A special binding agent combination creates a dull-matt and tough coating surface.

Beschreibung

Areas of application For coating appliances, metal products, commercial vehicles, doors and kitchen fronts etc. Especially suitable for objects which are exposed to weathering in industrial atmospheres or that have to meet stringent demands in terms of chemical or mechanical resistance.

Core data

Properties	Delivery viscosity	Pasty (stir well before use)
	Density	Approx. 1.3 kg/l
	Solid state	Comp. A: Approx. 58% (white) Mixed: Approx. 59% (white)
	Texture	Smooth
	Mixing ratio	4 : 1 by weight
	Temperature resistance	Constant 130 °C exposure: Short-term 160 °C exposure:
	Pot life	Approx. 4 h
	Gloss level	Dull-matt
	Flash point	35 °C
	Shades (stock shades)	DURA [®] xal collection
	Tintable	With Spaceline system, manual tinting up to 3% is possible with suitable universal tinting pastes
	Storage life	Store in tightly closed original container for 1 year at 5 - 25°C.
	Processing temperature	Do not process below + 5°C (object temperature), ideal temperature range 15 - 22°C.
	Environmental label	Protect from direct sunlight. G
	Highlight	Very matt surface, matched to DURA [®] xal powder

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 10–20% universal thinner, Durocal thinner or other thinner (retarders).</p> <p>The spray pattern and the colour of effect colours (metallic, pearl) are significantly influenced by the application conditions:</p> <ol style="list-style-type: none"> 1. Nozzle width of the spray gun and spraying pressure: Atomisation is finer with a smaller nozzle width and a higher spray pressure. Consequently, the colour becomes lighter. 2. Dilution and spray viscosity: A dilution that evaporates more quickly often leads to an increase in the brilliance of the metallic effect. The tendency towards cloud formation increases with the viscosity. 3. Spray method: Dry spraying or heavy misting: The colour appears lighter and more metallic. Wet spraying: The colour appears fuller and darker. Cloud formation is prevented by intermediate flash-off times. 4. Spray gun distance: Short distance: The sprayed film is wetter, the colour is darker and more intensive. Greater distance: The sprayed film is drier, the colour is lighter and more metallic. 								
Drying	<table border="0" style="width: 100%;"> <tr> <td style="padding-right: 20px;">Dust-dry (TG1)</td> <td>After approx. 30 minutes</td> </tr> <tr> <td>Touch-dry (TG4)</td> <td>After approx. 8 hours</td> </tr> <tr> <td>Reworkable</td> <td>After approx. 2 - 3 hours</td> </tr> <tr> <td>Fully dried</td> <td>After approx. 8 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.</p> <p>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. 30 minutes	Touch-dry (TG4)	After approx. 8 hours	Reworkable	After approx. 2 - 3 hours	Fully dried	After approx. 8 days
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Coverage	<p>8 – 10 m²/kg</p> <p>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	<ul style="list-style-type: none"> ▪ If it is necessary to repair IGP-DURA[®] xal powder-coated surfaces, the entire surface or element must be re-coated. Any adjacent surfaces coated with IGP-DURA[®] xal powder or DURA[®] xal liquid can not be perfectly colour-matched because the surfaces are materially different. In this case, a shade sample should be produced to assess the tolerance for the colour deviation (on powder coating from the same batch) (BFS 25). ▪ Under conditions usual on construction sites, streaks and cloud formation as well as overlays and edges may occur, depending on the materials (BFS 25)

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.



System coatings for coordinated surfaces in terms of colour, gloss, effect and texture. This is made possible by DOLD's wet paint expertise and IGP's powder coating expertise. In many areas of application, adjacent components of an object are made up of materials that are produced by different suppliers and finished by different coaters. In such cases, system coatings from DOLD and IGP create colour consistency and aesthetics. Comprehensive coating solutions from a single source - advice and service included.



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 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.