

DUROCAL 30 STRUKTUR

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

Technical information Version
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SYSTEMLACK



swiss  quality

Durocal 30 Struktur has outstanding weather resistance and resistance to fading. Rapid surface and through drying enable users to work cost-effectively. Hardening relies on an aliphatic isocyanate. Durocal 30 Struktur is characterised by very low overspray formation.

Beschreibung

Areas of application For painting plant and machinery, as well as metal structures. Furthermore, it can be used to paint doors or kitchen unit fronts. Durocal system paint is perfectly formulated for matching a large range of IGP powder coatings.

Core data

Properties	Delivery viscosity	Pasty (stir well before use)
	Density	Approx. 1.18 kg/l
	Solid state	Comp. A: Approx. 57% (white) Mixed: Approx. 57% (white)
	Texture	Textured (object sample necessary)
	Mixing ratio	4 : 1 by weight
	Temperature resistance	Constant 130 °C
		exposure:
		Short-term 160 °C
	Pot life	exposure:
		Approx. 4 h (undiluted)
	Gloss level	Silk matt
	Flash point	35 °C
	Tintable	Can be tinted according to RAL, NCS or sample with Spaceline system, manual tinting up to max. 3% possible with suitable universal tinting pastes
	Storage life	Store in well-sealed original container for 2 years 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.
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	Highlight	2-component polyurethane-based 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	Spray application, can be diluted with 0 - 30% Durocal thinner, universal thinner, or cellulose thinner. See the relevant sample plate.	
Drying	Dust-dry (TG1) Touch-dry (TG4) Reworkable Fully dried	After approx. 30 minutes After approx. 8 hours After approx. 2 - 3 hours After approx. 8 days The drying time depends on the relative air humidity, air and object temperatures and coating thickness. The data was determined for standard conditions at 20°C room temperature and 65% relative humidity. Increasing the temperature (force drying) is not recommended, as this has a negative impact on the texture.
Coverage	8 – 10 m ² /kg Consumption depends on the application method, the texture of the substrate and the coating thickness. The stated values are average figures from practice	
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	- Under conditions usual on construction sites (e.g. large surfaces), streaks and cloud formation as well as overlays and edges may occur, depending on the materials (BFS 25). Associated/ connected components should be coated together in one go. - Compatible with roller-applied hardener: Durocal 50 - Compatible with roller-applied hardener to an extent: Durocal 10/30/70/90 (watch out for streaks and spots) - Not compatible with roller-applied hardener: Durocal 30 Struktur / Durocal 70 Struktur - Temperature resistance - optical changes can also occur at lower temperatures. However, functionality is still guaranteed.

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 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.