

DOCAMIN GRUNDIERUNG

2-component epoxy resin primer, solvent-based, for interior and exterior applications

Technical information Version
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swiss  quality

Docamin primer comes with excellent corrosion protection properties and very good filling power combined with good sandability. The product achieves excellent adhesion on difficult substrates and can be tinted to any colour.

Beschreibung

Areas of application For mechanically stressed parts in the chemical, vehicle, mechanical engineering and metal working industries, for interior and exterior use. As a primer and adhesion agent on critical substrates in the decorating industry. Heat-fusible up to 180°C over short periods.

Core data

Properties	Delivery viscosity	Pasty (stir well before use)
	Density	Approx. 1.47 kg/l
	Solid state	comp. A Approx. 72% (white) mixed Approx. 68% (white)
	Texture	Smooth
	Mixing ratio	5 : 1 by weight (Docamin Grundierung Härter NEU) 3 : 1 by weight (Docamin Grundierung Rollhärter)
	Temperature resistance	Constant 130 °C
		exposure:
		Short-term 160 °C
	exposure:	
	Pot life	Approx. 12 h (undiluted)
	Gloss level	Matt
	Flash point	24 °C
	Shades (stock shades)	White, RAL 7035
	Tintable	With Spaceline system, according to color charts (RAL, NCS, etc.). Manual tinting up to max. 3% with suitable universal tinting pastes possible.
	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.
	Adhesive strength	Protect from direct sunlight.
		Gt 0-1 (DIN EN ISO 2409)
	Environmental label	G

Highlight

Corrosion-protection primer practice-proven over many years

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. Docamin primer can be used on steel, iron, cast materials, zinc (ammoniacal wetting agent), aluminium (sand and degrease) and nonferrous metals, chrome steel, fibre cement, various plastics and more. Docamin primer can be overcoated with various powder coatings (with these objects, ensure a Docamin primer dry layer thickness of max. 50 µm). If overcoating with powder coating is required, it is essential to create a sample first.

Application

Brushing and rolling

IMPORTANT: Harden with Docamin Grundierung Rollhärter MV=3:1

Dilution

	Viscosity (s)	Addition (%)	Thinner
Compressed air (cup gun)	–	0–10%	Nitro or universal thinner
Compressed air (diaphragm pump)	–	0–10%	Nitro or universal thinner
Airmix	–	0–10%	Nitro or universal thinner
Airless	–	0–10%	Nitro or universal thinner
Painting/rolling	–	0–5%	Nitro or universal thinner
HVLP	–	0–10%	Nitro or universal thinner

Drying	Can be oversprayed after approx. 4 hours (diluted with universal thinner) Can be oversprayed after approx. 1 hour (diluted with cellulose thinner) Ready for overpainting after approx. 8 hours Ready for sanding after approx. 12 hours 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 and 65% relative humidity. The curing of the film can be greatly accelerated by raising the temperature (e.g. 50–80°C).
Coverage	6 – 7 m²/kg (at a dry layer thickness of 50 µm)
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	▪ Temperature resistance – optical changes may occur even at lower temperatures. However, functionality remains unaffected. Depending on requirements, apply 1-2 coats, each with a dry coat thickness of approx. 30-50 µm ▪ Intermediate sanding required if allowed to dry for longer than 3 days.

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 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.