

A TESTOBJEKT (TEST - ALLE FELDER, WIRD WIEDER GELOESCHT)

tst

Technical information Version
(1.6) 08/26


swiss  quality

Testobject

Beschreibung

Areas of application

Core data

Properties	Delivery viscosity	Pasty (stir well before use)
	Binder	Epoxy solid resin dispersion
	Density	Approx. 1.43 kg/l
	Texture	Smooth
	Mixing ratio	6 : 1 by weight (Docamin Grundierung WV Härter NEU)
	Temperature resistance	Constant 4.5 °C exposure: Short-term 5.2 °C exposure:
	Gloss level	Silk matt
	Flash point	10.5 °C
	Shades (stock shades)	White
	Storage life	Store in tightly closed original container for 1 year at 5 - 25°C.
	VOC	7.1 %
	Water vapor diffusion (sd value)	0.06 m (V1, high)
	Water absorption coefficient (W24-value)	0.02 [kg/m ² * h ^{0.5}] (W3, low)
	Substrate moisture	Max. 4.5 %
	Color fastness	A (according to BFS 26 fact sheet)
	Processing temperature	Do not process below + 5°C (object temperature), ideal temperature range 15 - 22°C.
	Slip class	R6 - R10: 0.3 - 0.8mm quartz sand (sanding) R10 - R12: 0.6 - 1.2mm quartz sand (sanding)

Contrast ratio (DIN 13300)	Class 1 (at 6.5 m ² /l) Class 2 (at 7.5 m ² /l)
Wet abrasion resistance (DIN 13300)	Class 1
Adhesive strength	Gt 0-1 (DIN EN ISO 2409)
Compressive strength	Min. 25 N/mm ²
Disinfectant resistance	Surface disinfection possible (short-term disinfectant resistant)
Test report / certificate	Certified for indirect contact with food Resistance to disinfectants (Test report Institute Lüdenscheid 24.0294 V3)
MINERGIE-ECO®	Eco 2
Environmental label	C
EU-Decopaint	2004/42/IIA(d)130(2010)<100
Material	Glass fabric made from woven glass yarns
Roll width	1 m
Breaking resistance	Min. lengthwise 180 N / 5 cm Min. transverse 150 N / 5 cm
Adhesive consumption	11.3 g/m ²

Substrate / Processing

Application	Material pressure (bar)	Atomizer pressure (bar)	Nozzle (mm)
Compressed air (cup gun)	3-4	10-11	1.4-1.5
Compressed air (diaphragm pump)	11-12	10	2.1
Airmix	10	12	6.1
Airless	120-150	441	0.28-0.33
HVLP	2.5-3	7	1.4-1.5

Dilution		Viscosity (s)	Addition (%)	Thinner
	Compressed air (cup gun)	4	40–50	–
	Compressed air (diaphragm pump)	41	41	
	Airmix	4	42	
	Airless	41	5–10	
	Painting/rolling	4	unverdünnt	
	HVLP	40	50	–
Drying at 20 °C	Dust-dry (TG1)	After approx. 1 - 2 hours		
	Touch-dry (TG4)	After approx. 52 - 25 hours		
	Ready for installation (TG6)	After approx. 52 - 52 hours		
	Ready for overpainting	After approx. 52 - 25 hours		
Drying at 40 °C	Dust-dry (TG1)	After approx. 74 - 414 hours		
	Touch-dry (TG4)	After approx. 14 - 14 hours		
	Ready for installation (TG6)	After approx. 41 - 14 hours		
	Ready for overpainting	After approx. 14 - 14 hours		
Drying at 60 °C	Dust-dry (TG1)	After approx. 41 - 14 hours		
	Touch-dry (TG4)	After approx. 85 - 85 hours		
	Ready for installation (TG6)	After approx. 69 - 74 hours		
	Ready for overpainting	After approx. 14 - 14 hours		
Structure	Test Aufbau - Test cr			
Coverage	41 – 41 m ² /kg 41 – 41 m ² /l			
Tool cleaning	Wash out thoroughly with water immediately. Remove dried layers with universal 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.

Quality and environment



The ExP - Extreme Protection System was developed by Dold and is based on a special binder combination. This ensures long-lasting protection of the coating and provides up to 10 years of gloss stability and chalking resistance in accordance with BFS 26.



The Swiss Hygiene Association is the leading professional association in Switzerland, specialising in various topics in the field of hygiene. Dold uses the logo to label all products that guarantee compliance with the highest hygiene standards.



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.



The evaluation of paints and varnishes according to the MINERGIE-ECO® standard is based on the environmental label of the Stiftung Farbe Schweiz. Dold AG declares all products on the basis of the environmental label and offers solutions and products for all applications that comply with the MINERGIE-ECO® standard.



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.