

DUROFAST HS 50

2-Komponenten high solid Acryl-Polyurethan Einschichtlack, sowie als high solid Direktbeschichtung geeignet, seidenglänzend, lösemittelhaltig, für innen und aussen. Geprüft nach SN EN ISO 12944-2018 bis C3 hoch

Technical information Version
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swiss quality

Innovative 2K-Beschichtung mit hohem Festkörper. Durofast HS 50 basiert auf einem hydroxylgruppenhaltigem Acrylharz und aliphatischem Isocyanat mit schneller Trocknung. Durch die Integration von Korrosionsschutz- und Glimmerpigmenten wird ein hervorragender Korrosionsschutz, neben der herausragenden Farbtonhaltung, erzielt.

Beschreibung

Areas of application Für die Lackierung im Stahlhochbau, Nutzfahrzeugen, Maschinenanlagen, Metallkonstruktionen etc. Durofast HS 50 ist geeignet zur Spritz-, Roll- oder Streichapplikation. Kann direkt auf Strahlung (Sa 2.5 ISO 8501-1) appliziert werden (Geprüft nach SN EN ISO 12944-2018 bis C3 hoch).

Core data

Properties	Delivery viscosity	Pasty (stir well before use)		
	Density	Approx. 1.4 kg/l		
	Solid state	Ca. 69 %		
	Texture	Smooth		
	Mixing ratio	10 : 1 by weight		
		7 : 1 by volume		
	Temperature resistance	Constant	120 °C	
		exposure:		
		Short-term	150 °C	
	Pot life	Ca. 1h bei 20°C		
	Gloss level	Silk gloss		
	Tintable	Nach Farbkarten (RAL, NCS, etc.) oder Muster		
	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: 10-25°C. Protect against direct sunlight	
Adhesive strength	Protect from direct sunlight.			
Environmental label	Gt 0-1 (DIN EN ISO 2409)			
	G			

Highlight

2-Komponenten high solid Einschichtlack High solid
Direktbeschichtung mit schneller Trocknung

Substrate / Processing

Substrates	Der Untergrund muss den üblichen Anforderungen entsprechend rost-, fett-, öl-, zunderfrei, sauber und trocken sein. Durofast HS 50 kann als Einschichtlack / Direktbeschichtung direkt auf die Strahlung (Sa 2.5 ISO 8501-1) appliziert werden. Geprüft nach SN EN ISO 12944-2018 bis C3 hoch. Bei höheren Anforderungen sind entsprechende Vorbehandlungen, Grundierungen einzusetzen.	
Application	Verdünnen mit Durocal Verdünner oder Nitro-, Universalverdünner	
	Brushing and rolling 0 - 5 % verdünnt mit Durocal Verdünner	
	Airless spraying 0.25 - 0.33mm Düse, unverdünnt, >150 bar Druck	
Drying	Dust-dry (TG1)	After approx. 45 minutes
	Reworkable	After approx. 3.5 hours
	Ready for installation (TG6)	After approx. 3.5 hours
	Trocknung bei 23 °C (80µm TSD)	
Structure	Eisen/Stahl/Zink Grundierung: Docamin Grundierung (Schichtdicke: 50 - 70µm) Deckbeschichtung: Durofast HS 50 (100 - 120µm)	
	Aluminium/Kunststoffe Grundierung: Docamin Grundierung (Schichtdicke: 30 - 40µm) Deckbeschichtung: Durofast HS 50 (100 - 120µm)	
Coverage	5 m ² /kg Bei 80 µm Trockenschichtdicke Der Verbrauch ist von der Applikationsart, der Struktur des Untergrundes und der erzielten Schichtdicke abhängig. Die angegebenen Werte sind Durchschnittszahlen aus der Praxis.	
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, SIA standards and FSO guidelines must be observed.
Important	Temperature resistance: Visual changes may occur even at lower temperatures. However, functionality remains unaffected.

Quality and environment



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 Klima 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.