

Technical Data Sheet

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Data Sheet No. 7515


AQUAKOTE HU









Description		
Product description	AQUAKOTE HU is a water-thinnable, quick-drying 2-component resin lacquer with very good resistance to weathering, chemicals and mechanical damage. The chemical resistance meets the requirements of DIN 68861 1B.	
Raw material base	Polyacrylate	
Area of application	High-quality top coat for - Plastic	
Form of supply	Colours	RAL and NCS colour card Other shades available upon request
	Gloss level	Satin matt (30 – 40 gloss levels at 60 °)
Hardener	AQUAKOTE H7515	
Packing	Lacquer	1, 3 and 5 kilo containers
	Hardener	1 kg disposable container

Technical Data	Lacquer	Hardener	Mixture
The data apply for RAL 9010. They may vary for other shades.			
Specific gravity (23 °C)	1.19 g/cm ³	1.1 g/cm ³	1.18 g/cm ³
Solids content	50 ± 2 % by weight	83 ± 2 % by weight	appr ox. % by weight
Organic solvents	2 ± 1 % by weight	17 ± 2 % by weight	appr ox. % by weight
VOC content (EU)	37 g/l	187 g/l	52 g/l
Shelf life at 20 °C	12 months	6 months in well-sealed original containers	
Theoretical coverage	90 g/m ² → 11 m ² /kg for 30 µm dry coat thickness		

Safety Data	
	Refer to our Safety Data Sheet Nos. 751500 and H75150 as well as the instructions on the label.

Preparation				
Substrate	Product		Data sheet	Layer thickness application
Foil-coated chipboard	1 x	AQUAKOTE HU	7515	150-200 g/m ²
Plastic PVC profiles	1 x	AQUAKOTE HU	7515	30 - 50 µm
Old coatings	1 x	AQUAKOTE HU	7515	30 - 50 µm
Note:	For white or pastel-coloured coatings on surfaces subject to heavy use, such as carcase boards, work surfaces etc., we recommend overcoating with AQUAKOTE 7590 Lacquer to improve ring resistance (metal wear).			
	Please contact our technical staff for further application suggestions.			

Surface preparation		
	Substrate	Every substrate must be well-cleaned, dry and free from grease and oil.
	Foil-coated chipboard	Clean, if necessary sand with 360 grade sandpaper
	Plastic (PVC profiles)	Refer to our Application Sheets No 2515 "Instructions for Painting PVC Profiles for Windows with AQUAKOTE HU" No. 2417 No. "Preparation of Plastic Profiles for the First Coat".
	Old coat	Sand well, clean, apply primer to uncoated areas

Application						
	Personal protection	We recommend wearing personal protective clothing, even in cases where no local regulations are in force. The precautions according to local regulations with respect to hygiene and equipment must be observed. Refer to our Safety Data Sheet Nos. 751500 and H75150				
	Stirring	Stir paint and hardener thoroughly before use.				
	Mixing ratio	10 : 1 by weight with AQUAKOTE H7515 Hardener				
	Pot life	The hardener must be thoroughly incorporated using an agitator. Approx. 2 hrs depending on shade				
	Dilution	Water				
		Viscosity	Dilution	Nozzle	Pressure	Spray coats
	Gravity feed gun	30-60 sec/ DIN 6mm	0-5 % water	1.4 – 1.8 mm	3 – 4	2
	Airless (airmix) spraying	40-60 sec/ DIN 6mm	0-3 % water	06 - 09	3 - 4	1 - 2
	Evaporation	Prior to drying at temperatures over 40 °C, an evaporation time of 20-35 minutes must be observed.				
	Drying time	For µm dry film at 23 °C and 65 % rel. air humidity				
		Dust-dry	after:	15-20	minutes	
		Touch-dry	after:	60	minutes	
		Recoatible	after:	120	minutes	
		Fully cured	after:	5	hours	
		Resistant to chemicals	After:	14	days	

Important Information	
Special restrictions	Longer drying times apply at temperatures below 15 °C and relative humidities of over 85%.
Application climate	Temperature: 18 – 25 °C Relative humidity: 45 – 70 %
Minimum application and drying temperature	15 °C Not below the dew point
Coat removal	
Equipment clean-up	Due to the fast-drying properties of the product, equipment must be cleaned immediately after use with water. Dried paint can be removed with CLEANING AGENT S V820

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