

HYDROPUR 2K COLOR 7515

Description

Product Description		HYDROPUR 2K COLOR 7515 is a pigmented, water-borne, fast-drying 2-component colored lacquer with good weather resistance and long-term elasticity. The product also has a good block resistance and a short drying time.
Raw Material Base / Binder Type / Active Agent		Polyurethane / acrylic resin combination
Application		High-quality coating for plastic, wood, metal
Colors		RAL and NCS colors Other colors on request
Gloss Level		20,30
Hardener	Description	HYDROPUR 7515-99 HARDENER
	Product	H75150 - HYDROPUR 7515-99 HÄRTER

Technical Data

Technical Data	Product		Hardener		Mixed Product	
Material Safety Data Sheet	751500		H75150			
Mixing Ratio	10		1		10 : 1	
Density (20°C)	1.210	g/cm ³	1.106	g/cm ³	1.201	g/cm ³
Solids Content	53	± 1 w/w-%	83	± 1 w/w-%	55	± 1 w/w-%
Organic Solvent Content	2	± 1 w/w-%		± 1 w/w-%	1	± 1 w/w-%
VOC Content (EU)	35	g/L	188	g/L	49	g/L
Shelf Life at 20°C in Unopened Original Containers	max. 15	Months	max. 15	Months		
Theoretical Coverage	Estimated consumption including application losses: 100-200 g/m ² per application					
The data apply for RAL 9010 pure white. Values can vary depending on color or gloss level.						

Safety Data

Refer to the following safety data sheets as well as the instructions on the label	
Product	751500 - HYDROPUR 2K COLOR 7515-30
Hardener	H75150 - HYDROPUR 7515-99 HÄRTER

Application advice

Aluminum and galvanized substrates

Product		Data Sheet	Applied Quantity / Layer Thickness
Primer:	FEYCOTECT AKTIVLACK 9000	EA9000	30-50 µm
Base Coat:	HYDROPUR 2K COLOR 7515	7515	40-50 µm dry

Steel

Product		Data Sheet	Applied Quantity / Layer Thickness
Primer:	ALPOTECT PHOSPHATGRUND 5100-00	FC5100	80-100 g/m ²
Base Coat:	HYDROPUR 2K COLOR 7515	7515	40-50 µm

Chipboards and MDF-panels or wood veneered surfaces

Product		Data Sheet	Applied Quantity / Layer Thickness
(Pre-)priming (edges resp. cut-outs):	ALPOLAN UNIVERSALGRUND 2420-00	5408	100-120 g/m ²
Primer:	ALPOLAN SPRITZSPACHTEL 1090-00	1090	1-2x 150-200 g/m ²
or	HYDROFILL PREMIUM 6338-00	63338	1-2x 150-200 g/m ²
Intermediate sanding:	With grain 280-320		
Base Coat:	HYDROPUR 2K COLOR 7515	7515	100-120 g/m ²

Foil-coated chipboards

Product		Data Sheet	Applied Quantity / Layer Thickness
Base Coat:	HYDROPUR 2K COLOR 7515	7515	100-150 g/m ²

Plastic PVC profiles


Product		Data Sheet	Applied Quantity / Layer Thickness
Surface preparation:	REINIGUNGSMITTEL 1530-98		Please see Preparation Plastics
Base Coat:	HYDROPUR 2K COLOR 7515	7515	40-50 µm dry
Top Coat (optional):	HYDROPUR 2K 7590	7590	40-50 µm dry

Old coatings








Product	Data Sheet	Applied Quantity / Layer Thickness
Sanding:	With grain 400-800	
Cleaning:	REINIGUNGSMITTEL 1530-98	Please see Preparation Plastics
Base Coat:	HYDROPUR 2K COLOR 7515	7515 40-50 µm dry

For further application proposals please ask our representative.



Preparation

	Substrate	Every substrate must be well-cleaned, dry and free from grease and oil.
	Aluminum	Clean, then finally sand or pad rub (Scotch Brite coarse) and clean again or use chemical treatment (chromate conversion coating).
	Aluminum profile	Clean, sand or blow them off with compressed air and clean. Alternative: use a chemical treatment (chromate conversion coating)
	Foil-coated chipboards	Sand, clean
	Plastics (PVC-profiles)	Carefully pre-clean profiles with a dry cloth and blow them off with compressed air Then clean the entire surface with a fresh cloth and 1530-98 until residues are completely removed. Note: Surfaces must be dry, clean and free from dust and grease. All traces of silicone and other surface defects must be removed.


Processing

	Preventative Measures	We recommend wearing personal protective clothing, even in cases where no local regulations are in force.
	Stir	Stir product well before use.
	Mixing Requirements	10:1 with HYDROPUR 7515-99 HARDENER The hardener must be thoroughly incorporated using an agitator.
	Pot Life	1 hour
	Dilution	With water
	Additional Remarks	For white or pastel-colored coatings on surfaces subject to heavy use, such as car case boards, work surfaces etc., we recommend overcoating with HYDROPUR 2K 7590 to improve ring resistance (metal wear). In outdoor applications, some colors need a colorless Top Coat (7590) to protect them against weathering. A maximum period of 72 hours (at a maximum temperature of 25°C) should not be exceeded between the last application of HYDROPUR 2K COLOR 7515 and the application of HYDROPUR 2K 7590. Otherwise intermediate sanding is necessary.
	Information	Paint temperature: 15 - 25°C Working temperature 15 - 25°C Object temperature: 10 - 25°C Avoid working in direct sunlight and drafty condition Relative humidity: max. 75%
	Evaporation	Prior to drying at temperatures over 40°C, an evaporation time of 20-35 minutes must be observed.

Application

		Viscosity	Dilution	Nozzle	Pressure	Spray Cycles
	Gravity Feed Gun	30-40" DIN 4 mm	5-20 %	1.4-1.8 mm	1.0-2.0 bar	1-2
	Airless-(Airmix) Spray Application	40-60" DIN 6 mm	0-10%	0.15-0.23 mm	60-80 bar (material pressure).	1-2

Drying Time

	Drying Time	For 50 µm dry film at 23°C and 65% rel. humidity			
		Dust dry after:	60		minutes
		Touch dry after:	90		minutes
		Sandable after:	3		hours
		Recoat after:	3		hours
		Fully dry after:	24		hours
	Remarks	Resistant to chemicals after 14 days			

Important Remarks

Specific Restrictions	Longer drying times apply at temperatures below 15 °C and a relative humidity above 85%.
Storage Conditions	Store product tightly closed between +5 and +30 ° C. Shelf life at 20 °C in unopened original containers for 75153091 for 75153092 : max. 6 months.
Equipment Cleaning	Due to the fast-drying properties of the product, equipment must be cleaned immediately after use with water. Dried paint can be removed with REINIGUNGSMITTEL S 8200-98.

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