

## HYDROPUR 2K 7590

### Description

Product Description		High-quality 2K WB, quick-drying clear varnish for interior and exterior use.	
Raw Material Base / Binder Type / Active Agent		Polyacrylic, Isocyanate polymerisation	
Application		Protective top coat. Improves weather and mechanical resistance, as well as colour retention and gloss stability.	
Colors		Colourless	
Gloss Level		10,40	
Hardener	Description	HYDROPUR 7515-99 HARDENER	
	Product	H75150 - HYDROPUR 7515-99 HÄRTER	

### Technical Data

Technical Data	Product		Hardener		Mixed Product	
Material Safety Data Sheet	759000		H75150			
Mixing Ratio	10		1		10 : 1	
Density (20°C)	1.039	g/cm³	1.106	g/cm³	1.045	g/cm³
Solids Content	35	± 1 w/w-%	83	± 1 w/w-%	40	± 1 w/w-%
Organic Solvent Content	6	± 1 w/w-%		± 1 w/w-%	5	± 1 w/w-%
VOC Content (EU)	68	g/L	188	g/L	79	g/L
Shelf Life at 20°C in Unopened Original Containers	max. 30	Months	max. 15	Months		
Theoretical Coverage	92 g/m² → 10,9 m²/kg for 30 µm dry coat thickness					
These values are valid for: HYDROPUR 2K 75904000. 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	759000 - HYDROPUR 2K 7590-40
Hardener	H75150 - HYDROPUR 7515-99 HÄRTER


### Application advice

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





Product		Data Sheet	Applied Quantity / Layer Thickness
Primer:	HYDROPUR 2K COLOR 7515	7515	30-50 µm
Base Coat:	HYDROPUR 2K 7590	7590	30-50 µm

For further application proposals please ask our representative.


## Preparation

	Substrate	<p>Basically all surfaces must be well cleaned, dry and free of oil or grease.</p> <p>Paint adhesion is dependant on the substrate composition as well as the application technique as described in Application Data Sheets. If recoating old paint films, it is essential to check the adhesion of the original coating to the substrate and its ability to support a new coating. To check the suitability of the coating system it is essential to carry out an adhesion check, for example: cross hatch test EN ISO 2409.</p>
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## Processing

	Preventative Measures	We recommend wearing personal protective clothing, even in cases where no local regulations are in force.
	Stir	Before processing, the coating and hardener must be homogeneously mixed both individually as well as together, preferably with a table mixer. The processing viscosity can be adjusted with water with subsequent homogenisation.
	Mixing Requirements	10:1 (varnish to hardener, by weight or volume)
	Pot Life	2 hours
	Dilution	max. 2-5 % Water, depending on application and geometry of the components
	Brush	Suitable for patching slight faults.
	Roller	No
	Trowel	No
	Evaporation	<p>With sufficient air circulation at 20 °C approx. 20-40 Min.</p> <p>Drying is then possible, for example at 50 °C.</p>

## Application

		Viscosity	Dilution	Nozzle	Pressure	Spray Cycles
	Gravity Feed Gun	25-30" DIN 6 mm	5-10 %	1.4-1.8 mm	2.5-3.5	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:	2		hours
		Sandable after:			
		Recoat after:	24		hours
		Fully dry after:	7		days
	Remarks	High humidity slows the drying process			

## Important Remarks

Specific Restrictions	Paint temperature: 15 - 25 °C Working temperature 15 - 25 °C Object temperature: 10 - 5 °C Relative humidity: max. 75% Avoid working in direct sunlight and drafty conditions.
Storage Conditions	Store product tightly closed between +5 and +30 ° C.
Equipment Cleaning	Paint remains dry quickly, therefore wash equipment immediately after use with water. Any dried paint can be removed with REINIGUNGSMITTEL S 8200-98 see data sheet no: 2418 A „Instructions for Cleaning Spray equipment with REINIGUNGSMITTEL S 8200-98“.

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