

PolydurColor PC-P390



Product data	
Packaging size	20 kg
Viscosity at delivery DIN 6 mm.	23 ± 2
Solid content in % base material	70 ± 1
Specific weight in kg/l at 20°C	1.35 ± 1%
Shelf life – Original container unopened	at least six months

Preparation of substrates		
	Raw wooden surfaces.	P120, P150, P180
	Exotic wood / woods rich in extractives Wood or MDF in wet rooms	Isolate with Quantum Q-IS160 or Solido S-IS130 before.

Processing	
	Stir thoroughly!
	Caution: When mixing, always keep to the correct order. First, accelerator and thinner are added to the lacquer and stirred until a homogeneous mixture is obtained. The catalyst is thoroughly stirred in in the last step. From this step on, the material is activated and can be applied.

Hardener - Thinner - Additives		
	Pot life 20°C, 65% rel. humidity when adding 10% of TPU 9500-F	up to 2 hours
	Accelerator	2% of AUP 6571 (781.36) by weight 3% of AUP 6571 (781.36) by volume
	Thinner	TUP 9500-F (992.31) fast drying
	Catalyst	2% of HUP 6510 by weight 3% of HUP 6510 by volume

Application	
Spray pressure (bar)	1.5-3.0
Nozzle size (mm)	2.5-3.0
Thinner to be added (%)	10-20
Processing viscosity DIN 6mm (sec.)	16-30
Coverage per application (g/m²)	150-250
Coverage (m²/l)	3-5
Maximum number of coating layers with this product	3
Waiting time before another coat is applied without intermediate sanding (hours)	1
Maximum waiting time before another coat is applied without intermediate sanding (hours)	3

Drying time @ 20°C	
Dust dry	at least 60 minutes
Touch dry	at least 90 min.
Sandable	at least 12 hours
Flash off time after application	20 minutes

Forced drying	
Rest period at room temperature	20 minutes
Hot air drying at 40°C	30 minutes
Hot air drying at 60°C	30 minutes

Products from AkzoNobel Wood Coatings are exclusively produced for professional and industrial users, who have a basic knowledge of the handling and application of chemical/technical products for surface design. The processing instructions for reaching the qualities given in the leaflets should be regarded as non-binding recommendations and do not constitute any warranty. These recommendations are based on our experiences, including test series, and should facilitate and promote the work of our clients. Any potential deviation from ideal working conditions is within the responsibility of our clients and may affect the (end) result of the application. The purchaser is not relieved from his duties to inspect the product and its suitability for the surface to be processed, preferably through trial processing. If in any doubt as to the handling or processing of the purchased product, our material experts as well as our application and laboratory technicians will help you to the best of their ability. AkzoNobel, of course, guarantees an impeccable quality of its products in its product specifications, yet the use thereof lies entirely within the responsibility of the purchaser. As long as we have not guaranteed – in writing – the specific characteristics and suitability of a product for a contractually agreed purpose, any advice or information given regarding the application or handling, even if the advice or information is given to the best of our knowledge, will not be binding nor will it constitute a warranty. AkzoNobel's liability for the use of its products by its customers is limited in its General Sales and Delivery Conditions, to which the purchaser is hereby referred. The applicable version of the Technical Data Sheet for this product can be downloaded from our websites. Previous versions of the Technical Data Sheets are rendered void with the issue of a new one. Date of issue: 2020-07-29 / 18

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Special notes
Do not process and dry PU lacquers below 15° C.
Polyester lacquers can be applied within one working day without any intermediate sanding. After that period of time, intermediate sanding must be made just before further processing, in order to ensure proper adhesion.
Catalyst and accelerator must be stored and transported separate from each other. Mixing these two substances results in an exothermic overreaction. Therefore it is extremely important to thoroughly mix thinner and accelerator with the base material first. The catalyst is added in the last step.
When processing catalyst and accelerator, always follow the safety instructions on the label.
Please, regard the short pot life of polyester systems. Only mix such a quantity of the material that can be processed in the stated period of time. Activated, unused polyester lacquers may cause high reaction heat in spray guns and mixing cups.
Immediately after use, carefully clean the spray gun and the working equipment.

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