

## QuantumColor QC-IP350



Product data	
Packaging size	20 kg 5 kg
Viscosity at delivery DIN 6 mm.	65 sec. ± 2
Shelf life - Original container unopened	at least 2 years

Preparation of substrates		
	Raw wooden surfaces. Graduated sanding of wood. Carefully remove the sanding dust. Coarse-pore wood must be brushed out.	P120, P150, P180
	Metals must first be degreased with a thinner and must then be slightly sanded. Plastic material must also be sanded with fine sandpaper.	P400 P600

Processing	
	Stir thoroughly!
	Mix and apply the product as described under "Hardener Thinner Additives".
	When the product is used as adhesion promoter on plastics and metal, it must be thinned with 30 percent of the specified PUR Thinner. Then a thin coat (approx. 60µm) is applied with a spray gun. After a drying time of approx. 30 minutes up to a maximum of 6 hours, the pigmented topcoat can be applied in the usual way without any intermediate sanding. Due to many different substrates, we cannot assume warranty for sufficient adhesion in any case. In general, the applicator has to test the adhesion properties.

Hardener - Thinner - Additives		
	Hardening	10% of HPU 6300
	Dilution	TPU 9300-F fast drying TPU 9301-S slow drying
	Pot life 20°C, 65% rel. humidity	up to 8 hours





Application		
Spray pressure (bar)	1.5-3.0	110-130
Nozzle size (mm)	2.5-3.0	0.38
Thinner to be added (%)	0-20	0-20
Coverage per application (g/m²)	120-300	120-300
Coverage (m²/l)	3-6	3-4

Drying time @ 20°C	
Dust dry	at least 20 minutes
Touch dry	at least 1 hour
Sandable	from 3 hours

Special notes
Do not process and dry PU lacquers below 15° C.
PU 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.
PU hardeners are affected by moisture. Always store the hardener in tightly closed original batches.
When using PU hardeners, always follow the safety instructions on the label.
PU hardeners can be stored in the closed original container at a cool and dry place for a maximum of one year.
Containers already opened must be tightly closed again immediately.
The product has been adjusted so that it will dry quickly. It is therefore necessary not to leave the containers with the material open and to cover it during processing (e.g., by closing the lid of the Airmix reservoir), in order to prevent skin forming.

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: 2020-07-31 / 21

## QuantumColor

Test standards	
	Requirements to the surfaces of kitchen furniture according to DIN68930 regarding the resistance under changing climatic conditions
	General appraisal certificate with regard to low flammability according to DIN 4102/B1 on hardly inflammable B1-tested wooden particle boards, even veneered. Only in compositions as primer with other clear lacquers of the clear lacquer series Quantum Q- T260-__.* applied for
	Flame resistant according to IMO-Resolution A.653 with USCG approval.
	Tox Control - The label for low-emission furniture coatings

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: 2020-07-31 / 21

**EMEA HQ**  
Akzo Nobel Hilden GmbH ● Düsseldorf Str. 96 - 100 ● 40721 Hilden ● Germany ● [www.akzonobel.com/wood](http://www.akzonobel.com/wood)

AN\_204450\_060919