

## QuantumColor QC-LOP340



Product data	
Packaging size	10 kg in 20 kg container
Viscosity at delivery	pasty
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
	Wood or MDF in wet rooms	Isolate with Quantum Q-IS160 or QuantumColor Q-IP350 before.

Processing	
	Stir thoroughly!
	Mix and apply the product as described under "Hardener Thinner Additives".
Mixture in the pre-filled original container to use up unhardened lacquer leftovers.	Unhardened remaining quantities of two-pack PUR lacquers of the Quantum / QuantumColor series can be collected in the pre-filled original container of QC-LOP340 until the upper marking is reached. Thoroughly stir when the upper filling mark is reached. The mixture can then be hardened and applied.
Dedicated production of a primer in any desired colour.	Fill the pre-filled original container of QC-LOP340 up to the upper filling mark with QuantumColor QC-T460 in the desired color or take the desired quantity of QC-LOP340, mix it 1:1 with QuantumColor QC-T460-color and stir carefully. The finished mixture must then be hardened and applied.

Hardener - Thinner - Additives		
	Hardening of the finished mixture	15% HPU 6300 by volume
	Mixture of QC-LOP340 with remaining quantities of Quantum / QuantumColor lacquer.	1 part of QC-LOP340 + 1 part of unhardened two-pack PU lacquer
	Dilution	TPU 9300-F fast drying TPU 9301-S slow drying
	Pot life 20°C, 65% rel. humidity	up to 4 hours

Application		
Spray pressure (bar)	1.5-3.0	110-130
Nozzle size (mm)	2.0-2.5	0.33-0.38
Thinner to be added (%)	as required	as required
Processing viscosity DIN 4mm (sec.)	varies depending on the mixture	varies depending on the mixture
Coverage per application (g/m²)	120-200	120-200
Coverage (m²/l)	4-7	4-7

Drying time @ 20°C	
Dust dry	at least 30 minutes
Touch dry	at least 2 hours
Sandable	at least 6 hours

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## QuantumColor

Special notes
When collecting unhardened lacquer leftovers in the pre-filled container, the batch must be tightly closed every time in order to avoid that the product dries out.
Only collect unhardened, solventborne remaining quantities of the Quantum / QuantumColor series in the container. Products already hardened would cause premature curing of the mixed product so that it could not be used anymore.
Dark pigmented primers should be used for filling objects, which shall later be coated with a dark pigmented topcoat so that differences in colour with regard to the pigmented topcoat colour are avoided. It is advisable to choose similar primer colours that match the intended colours of the pigmented topcoat. For sensitive white and pastel colours, we recommend using white primer.
In order to ensure a constant product quality and curing, the added quantity of lacquer residues must not be greater than the quantity of QuantumColor QC- LOP340.
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.

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