

## QuantumColor QC-T470-90-BN00



Product data	
Packaging size	18.4 kg 4.6 kg
Viscosity at delivery DIN 4 mm (sec.)	~ 60 depending on the colour
Shelf life – Original container unopened	at least 2 years

Gloss levels		
Product number	Gloss level	DIN 67530 Angle of 60°
QC-T470-90-BN00	high gloss	>90

Preparation of substrates		
	MDF - not affected by moisture MDF - affected by moisture Exotic wood / woods rich in extractives	The recommended coating composition is made with QuantumColor QC-IP350. Final sanding of the primer with grain size P600 - P800.

Processing	
	Stir thoroughly!
	Mix and apply the product as described under "Hardener Thinner Additives". To improve the high gloss effect after a thin coat of the product has been applied and after a flash off time of 30 minutes to two hours, we recommend applying another thin coat. If overpainting is done overnight or at a later time, the entire surface must be slightly sanded with 1200-grit paper and carefully dusted before the next paint coat is applied.

Hardener - Thinner - Additives		
	Hardening	50% of HPU 6300
	Dilution	TPU 9300-F fast drying TPU 9301-S slow drying
	Pot life 20°C, 65% rel. humidity	up to 2 hours

Application		
Spray pressure (bar)	1.5-3.0	110-130
Nozzle size (mm)	1,2 - 1,6	0.18-0.23
Thinner to be added (%)	0-10	0-10
Processing viscosity DIN 4mm (sec.)	15-20	15-20
Coverage per application (g/m²)	80-120	80-120
Coverage (m²/l)	6-9	6-9

Drying time @ 20°C	
Dust dry	at least 30 minutes
Touch dry	at least 4 hours
Ready for transport	at least after 2 days
Sandable	at least 14 hours
Polishable	at least 3 days

Special notes
Decisive for a brilliant high-gloss effect is the careful preparation of the surface and the freedom from dust during application and curing of the high gloss lacquer.
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.
For sufficient opacity and for obtaining the correct colour and for subsequent polishing, the surfaces must be coated with the same product twice. (see Application)
Do not process and dry PU lacquers below 15° C.
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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