

Quantum (ICLA 217.11.20) Q-T233-20



Product data	
Packaging size	20 l
Viscosity at delivery DIN 4 mm (sec.)	70 ± 5
Shelf life – Original container unopened	at least 2 years

Gloss levels		
Product number	Gloss level	DIN 67530 Angle of 60°
Q-T233-20	semi matt	20 ± 2

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
	Stained wooden surfaces	Sand prior to staining
	Closed-pore coating	Close the pores by repeated application of Quantum sealer, e.g., Q-IS160 or Q-S170
	Exotic wood / woods rich in extractives	Priming with Quantum QT-IS160 in a ratio of 5:1.

Processing	
	Stir thoroughly!
	Mix and apply the product as described under "Hardener Thinner Additives".

Hardener - Thinner - Additives		
	Hardening	10% of HPU 6301 (310.48)
	Dilution	TPU 9302-M (910.17) medium drying TPU 9303-S (910.73) slow drying
	Pot life 20°C, 65% rel. humidity	up to 8 hours

Application		
Spray pressure (bar)	1.5 - 2.0	110-130
Nozzle size (mm)	1.6-2.0	0.23-0.28
Thinner to be added (%)	20-30	20-30
Processing viscosity DIN 4mm (sec.)	15 - 17	15 - 17
Coverage per application (g/m²)	100-140	100-140
Coverage (m²/l)	5 -7	5 -7

Drying time @ 20°C	
Dust dry	at least 15 minutes
Touch dry	at least 30 minutes
Ready for transport	at least 4 hours
Sandable	at least 2 hours

Forced drying	
Rest period at room temperature	5 minutes
Hot air drying at 40°C	15 minutes
Hot air drying at 60°C	15 minutes
Cooling at room temperature	5 minutes

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.	
The product is peroxide-resistant and can also be used on bleached wooden surfaces.	
When curtain coaters are used for processing, viscosity must be measured and adjusted more frequently due to the faster evaporation of the solvent.	

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