

Quantum
(ICLA 217.60.30)
Q-T234-30



Product description	
Description	Two-pack, solvent-thinnable, non yellowing, acrylic-based clear PU topcoat.

Range of application	
Description	Almost all wooden furniture in the interior. Open- or closed-pore coatings. Usable as final coat on pigmented topcoats with QuantumColor QC-T. Usable as self seal lacquer. Perfect top coat for Quantum Q-S130.

Product data	
Product code	Q-T234-30
Packaging size	5l 20 l
Viscosity at delivery DIN 4 mm (sec.)	35 sec. ± 5
Solid content in % base material	27-30
Solids in % incl. standard hardener	27-29,7
Specific weight in kg/l at 20°C	0,94 ± 1%
Shelf life - Original container unopened	at least 2 years

Gloss levels		
Product number	Gloss level	DIN 67530 Angle of 60°
Q-T234-30	semi gloss	30 ± 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
	Open-pore coatings	Sealing with Quantum Q-S130 ICLA 117.50
	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 Wood or MDF in wet rooms	Priming with Quantum QT-IS160 in a ratio of 5:1.
	Pigmented topcoats made with QuantumColor QC-T	Topcoat must be applied without intermediate sanding after 3 hours up to a maximum of 8 hours

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

Hardener - Thinner - Additives		
	Hardening	10% of HPU 6301 (310.48)
	Alternative hardeners	20% HPU 6205 (310.70) Faster curing, better mechanical and chemical resistance, but slightly yellowing.
	Dilution	TPU 9302-M (910.17) medium drying TPU 9303-S (910.73) slow drying
	Pot life 20°C, 65% rel. humidity	up to 15 hours

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Application			
			
Spray pressure (bar)	1.5 - 2.0	110-130	
Nozzle size (mm)	1.6-2.0	10-20	
Thinner to be added (%)	10-20	5-10	0-10
Processing viscosity DIN 4mm (sec.)	15 - 17	18-20	6-10
Coverage per application (g/m ²)	100-140	100-140	100-140
Coverage (m ² /l)	5 - 7	5 - 7	7 - 10

Drying time @ 20°C	
Dust dry	at least 15 minutes
Touch dry	at least 45 minutes
Sandable	at least 1 hour
Ready for transport	at least 12 hours

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

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AN_204450_060919