

## Quantum Q-IS160



Product data	
Packaging size	20 l 5l
Viscosity at delivery DIN 4 mm (sec.)	32 sec. ± 2
Shelf life - Original container unopened	at least 2 years

Preparation of substrates		
	Raw wooden surfaces.	P120, P150, P180
	Stained wooden surfaces	Sand prior to staining
	Exotic wood / woods rich in extractives Wood or MDF in wet rooms	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 6300 → no isolating effect 20% of HPU 6300 → Premium Isolating Sealer
	Dilution	TPU 9300-F fast drying TPU 9301-S slow drying
	Pot life	up to 3 hours with 10% of HPU 6300 up to 5 hours with 20% of HPU 6300

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 (%)	0-20	0-10
Processing viscosity DIN 4mm (sec.)	25	25
Coverage per application (g/m²)	100-140	100-140
Coverage (m²/l)	7 - 10	7 - 10

Drying time @ 20°C	
Dust dry	at least 20 minutes
Touch dry	at least 1 hour
Sandable	at least 2 hours with 10% of HPU 6300 at least 4 hours with 20% of HPU 6300

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.	

Test standards	
	EN 71-3 Migration of soluble heavy metals
	General appraisal certificate with regard to low flammability according to DIN 4102/B1 on hardly inflammable B1-tested wooden particle boards, even veneered.
	Tox Control - The label for low-emission furniture coatings

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