

QUANTUM T234

sikkens

WOOD COATINGS

INTERIOR

TECHNOLOGY

PU Acrylic

PRODUCT TYPE

Topcoat

PRODUCT DESCRIPTION

A lightfast solventborne 2k topcoat with good mechanical and chemical resistance. This product is suitable for bleached wood.

- good mechanical and chemical resistance
- suitable for bleached wood
- open and closed pores
- lightfast
- high solid content



COLOUR

Clear

GLOSS LEVEL (APPROX. GU @ 60°)

05 / 10 / 15 / 30 / 60 / 90

SYSTEM RECOMMENDATIONS

1st layer (recommended options)

- Quantum S130
- Quantum T234
- Quantum T260

2nd layer

- Quantum T234

PACK SIZES

5 L
20 L

SHELF LIFE

24 months

STORAGE CONDITIONS

Keep cans tightly sealed, in a well ventilated place, with controlled temperature between 10 and 30°C

SOLID CONTENT

29% -34% depending on gloss level

DENSITY (SPECIFIC WEIGHT)

0,97 +/- 1%

DELIVER VISCOSITY

35 sec DIN 4 mm. +/- 5

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 S130
Closed-pore coatings	Close the pores by repeated application of Quantum sealer, e.g., Quantum IS160
Exotic wood / woods rich in extractives Wood or MDF in wet rooms	Priming with Quantum IS160 in a ratio of 5:1
Pigmented topcoats made with Quantum Color	Topcoat must be applied without intermediate sanding after 3 hours up to a maximum of 8 hours

APPLICATION TEMPERATURE

Between 20-25 °C for substrate, air and material at approx. 55 % R.H.

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HARDENER (BY WEIGHT)

Hardener	Ratio	Pot Life
HPU6301	10%	Up to 15h




THINNING

TPU9302-M / TPU9303-S

APPLICATION METHOD

Spray application airmix/airless, spray application high/low pressure, curtain coater





APPLICATION

			
Spray pressure (bar)	1.5 - 2.0	110 - 130	
Nozzle size (mm)	1.6 - 2.0	10 - 20	
Thinner to be added (%)	20 - 30	10 - 20	0 - 10
Processing viscosity DIN 4mm (sec.)	15 - 17	18 - 20	6 - 10
Layer Thickness (g/m ²)	100 - 140	100 - 140	100 - 140

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

TEST STANDARDS

	DIN 68861/1C Chemical exposure of furniture surfaces
	Materials and articles in contact with foodstuffs / plastics based on UNI EN 1186-5: 2003 (the gloss levels 10/60/90 are excluded)
	EN 71-3 Migration of soluble heavy metals (the gloss levels 15/60/90 are excluded)
	Tox Control - The label for low-emission furniture coatings (the gloss levels 60/90 are excluded)

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