

Quantum (ICLA 217.11.35) Q-T233-35



| 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-T233-35 | semi gloss | 35 ± 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 | |
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| 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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