

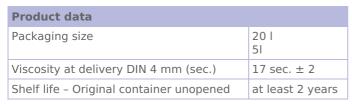
# Quantum Q-T263-90











| Gloss levels   |             |                        |
|----------------|-------------|------------------------|
| Product number | Gloss level | DIN 67530 Angle of 60° |
| Q-T263-90      | high gloss  | 92 ± 2                 |

| Preparation of substrates |  |   |  |
|---------------------------|--|---|--|
|                           | Raw wooden surfaces.                                       | Close the pores by repeated application of Quantum sealer, e.g., Q-IS160 or Q-S170            |  |
|                           | Pigmented<br>topcoats made<br>with<br>QuantumColor<br>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". During coating and during drying, any incidence of dust must be avoided. In order to improve the high gloss effect and as a preparatory step for polishing after drying overnight, the surfaces should be depickled with P600-1200 grit paper and then be coated again with the same material.

| Hardener - Thinner - Additives |           |  |  |
|--------------------------------|-----------|--|--|
|                                | Hardening | 50% of HPU 6300                                  |  |
|                                | Dilution  | TPU 9300-F fast drying<br>TPU 9301-S slow drying |  |
|                                | Pot life  | up to 4 hours                                    |  |

| Application                         |           |           |
|-------------------------------------|-----------|-----------|
|                                     |           |           |
| Spray pressure (bar)                | 1.5 - 2.0 | 110-130   |
| Nozzle size (mm)                    | 1.4-1.8   | 0.18-0.23 |
| Processing viscosity DIN 4mm (sec.) | 17        | 17        |
| Coverage per application (g/m²)     | 80-120    | 80-120    |
| Coverage (m²/l)                     | 6-10      | 6-10      |

| Drying time @ 20°C  |                       |  |
|---------------------|-----------------------|--|
| Dust dry            | at least 30 minutes   |  |
| Touch dry           | at least 2 hours      |  |
| Ready for transport | at least 16 hours     |  |
| Sandable            | at least 14 hours     |  |
| Polishable          | at least after 2 days |  |

## **Special notes**

Do not process and dry PU lacquers below 15° C.

Polyester 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.

Decisive for a brilliant high-gloss effect is the careful preparation of the surface and the freedom from dust during application and curing of the high gloss lacquer.

Products from AkzoNobel Wood Coatings are exclusively produced for professional and industrial users, who have a basic knowledge of the handling and application of chemical/technical products for surface design. The processing instructions for reaching the qualities given in the leaflets should be regarded as non-binding recommendations and do not constitute any warranty. These recommendations are based on our experiences, including test series, and should facilitate and promote the work of our clients. Any potential deviation from ideal working conditions is within the responsibility of our clients and may affect the (end) result of the application. The purchaser is not relieved from his duties to inspect the product and its suitability for the surface to be processed, preferably trough trial processing. If in any doubt as to the handling or processing of the purchased product, our material experts as well as our application and laboratory technicians will help you to the best of their ability. AkzoNobel, of course, guarantees an impeccable quality of its product specifications, yet the use thereof lies entirely within the responsibility of the purchaser. As long as we have not guaranteed – in writing – the specific characteristics and suitability of a product for a contractually agreed purpose, any advice or information is given to the best of our knowledge, will not be binding nor will it constitute a warranty. AkzoNobel's liability for the use of its products by its customers is limited in its General Sales and Delivery Conditions, to which the purchaser is hereby referred. The applicable version of the Technical Data Sheet for this product can be downloaded from our websites. Previous versions of the Technical Data Sheets are rendered void with the issue of a new one. Date of issue: 2020-07-31 / 21



## Quantum

### **Test standards**



DIN 68861/1B Chemical exposure of furniture surfaces



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.



Hardly inflammable according to the Marine Equipment Directive MED 2014/90/EC.



Tox Control - The label for low-emission furniture coatings

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