

QUANTUM IS180

sikkens

WOOD COATINGS

INTERIOR

TECHNOLOGY

PU Acrylic

PRODUCT TYPE

Sealer

PRODUCT DESCRIPTION

Two-pack, solventborne, flame retardent, non-yellowing PU isolating sealer with excellent filling capacity. Almost all wooden furniture in the interior. Optimized for closed-pore coatings. With isolating properties, suitable even for wood rich in extractives and exotic wood.



SHELF LIFE

24 months in original, unopened package

STORAGE CONDITIONS

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

SOLID CONTENT

34,6% ± 1

DENSITY (SPECIFIC WEIGHT)

0,96 Kg/L +/- 0,02

DELIVER VISCOSITY

22 ± 2 Viscosity at delivery DIN 4 mm (sec.)

PREPARATION OF SUBSTRATES

| | | |
|--|-------------------------|------------------------|
| | Raw wooden surfaces. | P120, P150, P180 |
| | Stained wooden surfaces | Sand prior to staining |

HARDENER

| Hardener | Ratio (by weight) | Pot Life |
|----------|-------------------|----------|
| HPU6300 | 20% | Up to 5h |

THINNING

TPU9300-F normal drying
TPU9301-S slow drying

APPLICATION METHOD

HVLP / Airmix

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.) | 14 - 16 | 14 - 16 |
| Layer Thickness (g/m ²) | 100 - 140 | 100 - 140 |

DRYING TIME @ 20°C

| | |
|-----------|---------------------|
| Dust dry | At least 40 minutes |
| Touch dry | At least 90 minutes |
| Sandable | At least 8 hours |

GENERAL INSTRUCTION

Aftertreatment:
After sanding with P280-320 grit paper, the surface can be retreated with the same product at any time. As topcoat, we recommend using a product from the same range of products with any desired gloss level.

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 through 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 products in 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 given regarding the application or handling, even if the 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: 2026-03-06 / 8