

GENERAL INFORMATION

Type of Product	Waterborne Pigmented Top Coat
Area of Use	Furniture / Interior Joinery
Suitable Primer	UV Primer, Aqua Surf
Notes	SUPERIOR is very fast drying with good stacking properties and early surface hardness. The quality is adjusted to Wood Coatings Color System for waterborne industrial products, (tinting with Aqua Flex Colorants).

SPECIFIC INFORMATION

Waterborne Products	NOTE: Continuous stirring of the product is not recommended. Great risk that the physical properties may change negatively with increase in viscosity and deterioration of the anti foaming ability. If larger packaging such as containers are used contact our technical staff for advice.
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BASIC MATERIAL PROPERTIES

Binder	Acrylic
Solid Contents	Approx. 31 % by weight
Delivery Viscosity	Approx. 130-140 sec DIN Cup 4 @ 23 °C The viscosity of this product is determined using controlled laboratory conditions, methods and instruments. Any measurements made under other conditions may lead to different results.
Density	Approx. 1,05 kg/l
pH value	Approx. 8,0 - 8,6
Thinner	Water
Shelf Life	12 months in original, unopened package when stored following the storage conditions mentioned below. After the expiry date, contact our Technical Staff for an estimation of usability.
Storage Conditions	Between 15 and 25 °C under clean and dry conditions. Keep from freezing. Must not be exposed to temperatures below 5°C.

APPLICATION

Methods	Spraying
Application Conditions	Between 20-25 °C for substrate, air and material at approx. 55 % R.H.
Application Viscosity	Conventional spraying: 25-60 sec DIN cup 4 @ 23 °C Airless spraying: 35-60 sec DIN cup 4 @ 23 °C
Applied Amount	Approx. 100 g/m ² wet film

Cleaning 8500-070001. Rinse with water after cleaning.

Empty Packaging Disposal according to local regulations.

DRYING CONDITIONS

Thermal Drying

Temperature (°C)	20	40	60
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Time to (min)

Sandable	120	45	15
Stackable	180	60	20

Should be cured at min. 23°C. The above drying times are valid on condition that the air circulation and the relevant humidity are suitably adapted to allow the water to evaporate gradually, so that they don't prevent the curing process.

Before stacking the objects, cooling is required to ensure that the surface temperature measured in stack does not exceed 25°C.

IR Drying **IRM**

Time to (sec)

Sandable 120-150

Additional Drying Information Ensure good ventilation when drying waterborne products. The drying depends on various conditions, i.e. application method, applied amount, time, etc. Please contact our Technical Staff for specific data concerning curing conditions on your line.

DRY FILM PROPERTIES

Gloss Approx. 35-40 GU @ 60°. The final gloss depends on various conditions, i.e. application method, applied amount, drying conditions, etc.

HEALTH, SAFETY AND ENVIRONMENTAL INFORMATION

HSE Information See Safety Data Sheet for further information.

DISCLAIMER

For industrial use only.

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: 2015-12-08.