

**AkzoNobel**

Tomorrow's Answers Today

GENERAL INFORMATION

Type of Product	Waterborne Transparent Top Lacquer
Area of Use	Furniture / Interior Joinery
Notes	SUPERCRYL 80 gives a hard, smooth, and very scratch resistant surface and can be used as both sealer and topcoat.

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. 37 % by weight
Delivery Viscosity	Approx. 65-80 sec DIN Cup 4 @ 23 °C
Density	Approx. 1,04 kg/l
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	Keep from freezing. Between 15 and 25 °C under clean and dry conditions. Must not be exposed to temperatures below 5°C.

APPLICATION

Methods	Conventional spraying / Airless 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.


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DRYING CONDITIONS

Thermal Drying	Temperature (°C)	20	40	60
	Time to (min)			
	Sandable	150	60	25
	Stackable	200	80	35

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 180-200

Additional Drying Information

Ensure good ventilation when drying waterborne products. The drying depends on various conditions, i.e. application method, applied amount, time, etc.

DRY FILM PROPERTIES

Gloss

Approx. 80 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

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