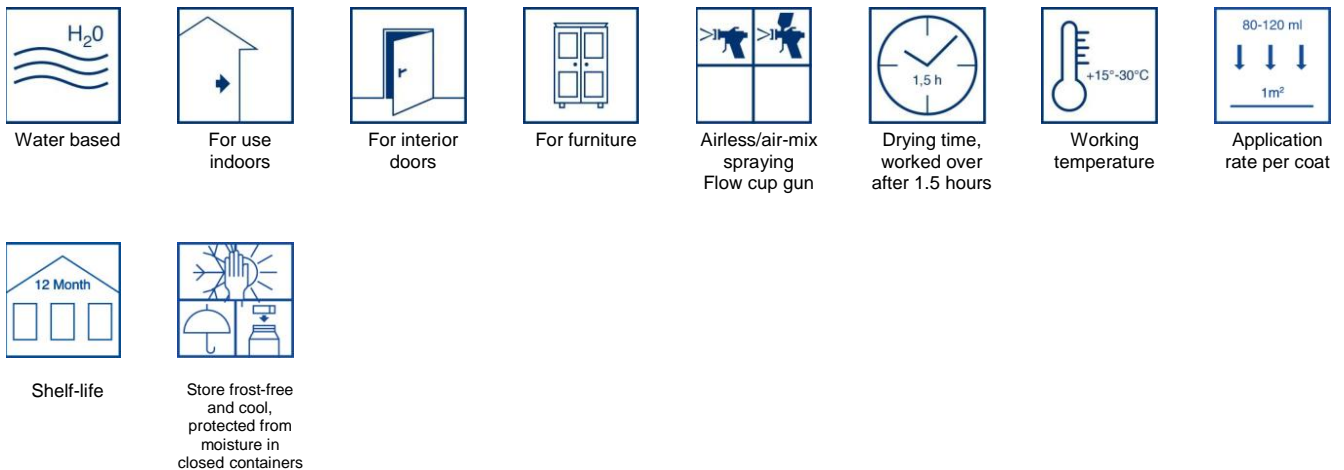


Technical Data Sheet
Art. No. 1852-1855, 3818

Aqua SL-415 Finish

Environmentally correct, clear, water based lacquer based on special dispersions



Range of use

Aqua SL-415 Finish can be used for coating high quality furniture used in homes, interior doors and in general for finishing interior elements.

The lacquer is used as a primer and as a finishing coat. It is suitable for wood building elements made of softwood and hardwood in interior areas such as furniture, interior doors and frames, panels, etc.

Property profile

Aqua SL-415 Finish is distinguished by very good filling properties, good flow properties and good transparency with excellent emphasis of the grain.

Characteristic data of the product

Density:	approx. 1.03 g/cm ³ at 20 °C
Viscosity as packaged:	30 s in a 6 mm DIN 53211 flow cup at 20 °C
Degree of gloss:	1852 SL-415/10 dull matt 1853 SL-415/20 matt 1854 SL-415/30 semi-matt 1855 SL-415/50 silk gloss 3818 SL-415/30 special colours, semi-matt
Packaging:	5 l and 20 l tin containers (silk gloss only in 5 l containers)

The lacquer is also highly resistant to chemicals as well as hand creams, has good scratch resistance and does not have a tendency to shine.

The product is easy to apply and low odour. Treated wood is protected by a robust, hardwearing

and PVC-plasticizer resistant surface. Aqua SL-415 Finish is resistant to hand creams and meets the requirements of DIN 68861-1B with restrictions and DIN EN 71-3 Safety for Toys.

Directions

The wood must be dry, clean and free of grease and wax. Wash off greasy or resin-rich wood with V 890 Thinner (Art. No. 1955). Depending on the substrate, sand with 150-180 grit sandpaper. After dust has been removed from the surface, the coating can be directly applied.

Stir well before using. After drying and intermediate sanding (240-320 grit sandpaper) apply a second coat.

Aqua SL-415 Finish is ready to use for working in airless and air-mix spraying equipment and flow cup guns.

Flow cup gun:

- Size of nozzle: 1.8 - 2.0 mm
- Air pressure: 2.0 – 2.5 bar

Airless equipment:

- Size of nozzle: 0.23 - 0.28 mm
- Material pressure: 80 - 120 bar

Air-mix equipment:

- Size of nozzle: 0.23 - 0.28 mm
- Material pressure: 80 - 100 bar
- Air pressure: 1.0 - 2.0 bar

Notes

To achieve the best results when varnishing, the temperature of the air and the lacquer should not be less than 15 °C (best temperature range = 20-25 °C). Before coating, the object being coated should be brought to 20 °C.

Relative humidity should range between 45-55 % and wood moisture should be between 8-12 %.

Substances in the wood, e.g. tannic acid, may cause changes in the shade of colour.

Carry out a trial coating to check compatibility with the substrate.

Tools, cleaning

Clean tools immediately after use with water and a detergent.

Remove stubborn soiling with Aqua RK 898 Cleaning Concentrate (Art. No. 3868).

Application rate

80-120 ml/m² per coat

Thinning

If necessary with max. 5 % water

Drying

Dust dry: approx. 45 min
Touch dry: approx. 60 min
Can be sanded
and coated over: approx. 90 min
Stacked: after drying overnight

Practice values at 20 °C and 50 % relative humidity with an air exchange rate of 3-4 times per hour. Lower temperatures, higher humidity and no exchange of air delay drying.

Shelf-life

One year in unopened, original containers stored dry, cool and protected from frost.

VOC content

EU limit value for the product (Cat. A/e): 130 g (2010).

This product contains max. 110 g/l VOC.

Safety data

Take the usual precautionary measures when working and for storage.

Product Code: M-KH 01

Disposal

Dispose of product remains in compliance with valid regulations. Completely empty containers should be recycled.

Labelling

Water hazard class (WGK): 1
ADR: n.a.

The statements above are compiled from our field of production and according to the latest technological developments and application techniques.

Since application and working are beyond our control, no liability of the producer can be derived from the contents of this information sheet. Any statements made beyond the contents of this information must be confirmed in writing by the producer.

In all cases, our general conditions of sale are valid. With the publication of this Technical Information Sheet all previous editions are no longer valid.

1852-TDS-05.13



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