



Aqua SL-414 Finish

Extremely fast-drying, clear, single-component finish

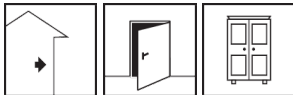


Colour	Availability
	Quantity per pallet 22
	Size / Quantity 20 l
	Type of container Tin bucket
	Container code 20
	Art. no.
Aqua SL-414/30 semi-matt	
clear	3821 ■

Application rate 80 - 120 ml/m² per coat



Range of use



- Interior wood
- Primer & top coat
- Solid wood & veneers
- Living room & bedroom furniture
- Chair and frame construction
- Interior finishing work: e.g. panels, borders, cladding & interior doors
- Topcoat for Aqua coloured varnishes
- For use by professionals

Property profile



- Single-component: simple and economical handling
- Good flow properties
- Quick-drying
- Good sanding properties
- Short time until ready for stacking
- Resistant to chemicals: DIN 68861, 1C
- 2K-ready: increased resistance to chemicals, hand creams, scratches and abrasions by adding 2% Aqua VGA-485

Characteristic data of the product

Binder	Acrylate/PU dispersion
Density (20 °C)	Approx. 1.03 g/cm ³
Odour	Characteristic, odourless once dry

The values stated represent typical characteristic data of the product and are not to be understood as binding product specifications.

Certificates

- DIN EN 71-3 "Migration of certain elements"

Test standards

DIN 68861-1C Resistance to chemicals

Additional information

- [Care instructions for varnished furniture](#)

Possible system products

- [Aqua CL-440 Colour Opaque \(3802\)](#)
- [Aqua V-490-Verzögerer \(1939\)](#)
- [SM-820 Texturing Agent \(1942\)](#)
- [Aqua MM-825 Matting Agent \(3875\)](#)
- [Aqua VGA-485 Cross-Linking Agent & Glass Lacquer Additive \(3256\)](#)



Preparation

- **Substrate requirements**
The substrate must be clean, dry, free of dust, grease and loose substances, and prepared in the correct manner.
Wood moisture content: 8-12%
- **Substrate preparation**
Wash off greasy or resin-rich woods/substrates with WV-891 or V-890. Use UN-894 indoors on the construction site.
Ensure good ventilation for solvents.
Sand wood using P 100 - 180 grit.
If colouring is desired, stain the substrate using Aqua KB-004, Aqua BB-007 or Aqua PB-006.

Directions

For professional users only!



- **Conditions for use**
Temperature of the material, air and substrate: from min. +18 °C to max. +25 °C.

Stir well.
Spray or pour.
Flow cup gun: nozzle size: 2.0 - 2.5 mm; atomiser air pressure: 2.0 - 3.0 bar.
Airless spraying: nozzle size: 0.23 - 0.28 mm, material pressure: 80 - 120 bar.
Airmix spraying: nozzle size: 0.23 - 0.28 mm, material pressure: 80 - 100 bar, atomiser air pressure: 1.2 - 2 bar.
After drying and intermediate sanding (P 240 - 320), apply a second coat of the product.
Seal opened containers well and use contents as soon as possible.

Tips on use



- Check colour, adhesion and compatibility with the substrate by setting up a trial area.
Before coating technically modified woods and wood-based materials, apply the coating to a trial surface and conduct a suitability test on the desired area of use.
Prior to full application, please apply a test coat to a sample area under practical conditions using the desired system, then test or examine the surface properties.
If using as a transparent topcoat on surfaces with a colour varnish (improved resistance to metal rings and durability), one coat is sufficient. When applying over a colour varnish, add 5-10% of the Aqua colour varnish to the clear varnish in order to counteract colour changes.
- **Drying**
Dust-dry: after approx. 30 minutes
Touch-dry: after approx. 45 minutes
Ready for overcoating: after approx. 1 hour
Can be stacked: after approx. 5 hours
Practice values at +20 °C and 65% relative humidity.
Low temperatures, poor ventilation and high humidity delay drying.
 - **Thinning**
Ready to use; if necessary, dilute with water (max. 5%).

Notes

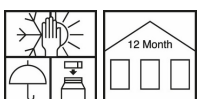
DIN EN 71-3 "Migration of certain elements":
This product complies with the limits for the migration of heavy metals to children's toys according to DIN EN 71-3 and thus fulfils one of several further requirements for the safety of children's toys according to the EU "Toy Directive" (2009/48/EC).
To preserve the quality of the surface, we recommend regular cleaning and care using a lint-free cotton cloth.
Please use solvent-free and silicone-free cleaning agents.

Tools / Cleaning



Airless/airmix spraying equipment, flow cup gun, pouring equipment
Clean tools with water or Aqua RK-898 Cleaning Concentrate immediately after use.
Ensure that any residue from cleaning is disposed of correctly.

Storage / Shelf life



If stored unopened in its original container in a cool, dry place and protected against frost, the product will keep for at least 12 months.

Safety data / Regulations

For further information on the safety aspects of transporting, storing and handling the product and on disposal and environmental matters, please see the current Safety Data Sheet.

Personal protective equipment

Respiratory protection with at least an A/P2 combination filter must be worn during spraying, together with safety goggles. Wear suitable protective gloves and clothing.

Disposal



Larger quantities of leftover product should be disposed of in the original containers in accordance with the applicable regulations. Completely empty, clean containers should be recycled. Do not dispose of together with household waste. Do not allow to enter the sewage system. Do not empty into drains.

VOC content as per the
"Decopaint" Directive
(2004/42/EC)

EU limit value for the product (Cat. A/e): max. 130 g/l (2010).
This product contains < 130 g/l VOC.

VOC	
Kat.	A/e
2010:	130g/l
max.:	130g/l

Please note that the data and information given above have been calculated as guidelines in the laboratory and from real-life experience and are therefore not binding as a basic principle.

This information is therefore of a general nature only and describes our products and how they are used and worked with. In this respect, it must be borne in mind that the varied and diverse nature of the

prevailing working conditions, materials used and construction sites encountered means that not every individual case can be covered. In this respect, we therefore recommend either conducting tests or liaising with us in the event of any doubt. Unless we have provided express written assurance of the products' specific suitability or characteristics in respect of a contractually stipulated intended use, any technical application-related advice or instruction will never

be binding, even though it is provided to the best of our knowledge. In all other respects, our general terms and conditions of sale and delivery shall apply.

When a new version of this Technical Data Sheet is published, it shall replace the previous version.