



Aqua SL-417 Protect

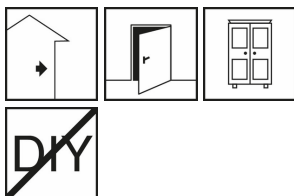
Clear 1K topcoat, extremely fast drying

Type/Name	Availability		
	Quantity per pallet		
	Size / Quantity	5 l	20 l
	Type of container	Tin bucket	Tin bucket
	Container code	05	20
	Art. no.		
Aqua SL-417/10 Protect dull matt	281104	■	■
Aqua SL-417/20 Protect semi-matt	281110	■	■
Aqua SL-417/30 Protect matt	281105	■	■

Application rate 80 - 120 ml/m² per coat



Range of use



- Interior wood
- Primer & top coat
- Solid wood & veneers
- Furniture and interior finishing work
- Chair and frame construction
- Interior finishing work: e.g. panels, borders, cladding & interior doors
- For use by professionals

Property profile



- Single-component: simple and economical handling
- Good flow properties
- Quick-drying
- Good sanding properties
- Highly transparent, good emphasis of the wood grain
- Short time until ready for stacking
- Resistant to chemicals: DIN 68861, 1C

Characteristic data of the product

Binder	Acrylate/PU dispersion
Density (20 °C)	Approx. 1.02 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.

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.
Sand wood using P 100 - 180 grit.
If tinting is required, treat the substrate with a suitable stain.

Directions



- 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.
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. 45 minutes
Touch-dry: after approx. 60 minutes
Ready for overcoating: after approx. 1.5 hours
Coated products can be stacked: after 24 hours

Practice values at +20 °C and 65% relative humidity.
Low temperatures, poor ventilation and high humidity delay drying.

■ Thinning

Ready to use; dilute with max. 20% water if necessary (flow cup gun).

Notes

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.

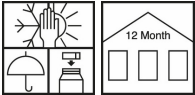
Tools / Cleaning



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.