



Aqua TL-422 Stair Varnish

Abrasion-resistant, single-component finish

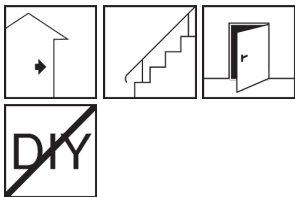


Colour	Availability	
	Quantity per pallet	22
	Size / Quantity	20 l
	Type of container	Tin bucket
	Container code	20
	Art. no.	
20 matt		
clear	1245	■
30 semi-matt		
clear	1240	■
special colours	1250	■

Application rate 100 - 120 ml/m² per coat



Range of use



- Interior wood
- Primer & top coat
- Solid wood & veneers
- Wooden stairs
- Living room & bedroom furniture
- Interior finishing work: e.g. panels, borders, cladding & interior doors
- For use by professionals

Property profile



- Quick-drying and easy to sand
- Can also be used on vertical surfaces
- Resistant to abrasion and scratches
- Resistant to chemicals: DIN 68861, 1C
- Good resistance to a wide range of commercially available hand creams
- 2K-Ready: further, isocyanate-free increase of chemical, hand cream & abrasion resistance by addition of 2% Aqua VGA-485

Characteristic data of the product

Binder	Acrylate/PU
Density (25 °C)	Approx. 1.03 g/cm ³
Odour	Characteristic

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

Test standards DIN 68861, 1C Chemical resistance

- Additional information**
- [Care instructions for sealed floors and stairs](#)
 - [Care instructions for coated furniture surfaces](#)
 - [Water-based coating systems in staircase construction](#)
 - [Sustainability data sheet](#)

Possible system products ➤ [Aqua V-490-Retarder \(1939\)](#)



- Aqua KB-004 Compact Stain (3840)
- Aqua BB-007 Brilliant Stain (2030)
- Aqua PB-006 Positive Stain (3882)
- 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%

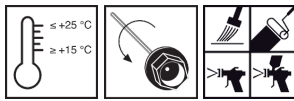
■ **Substrate preparation**

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



■ **Conditions for use**

Temperature of the material, air and substrate: from min. +15 °C to max. +25 °C.

Stir well.

Apply with a brush, roller or by spraying.

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 and third 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 product to a trial surface and conduct a suitability test on the desired area of use.

■ **Drying**

Dust-dry: after approx. 60 minutes

Touch-dry: after approx. 2 hours

Overcoating: after approx. 4 hours

Stacking: after drying overnight

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. 5% water if necessary.

Notes

Observe the "Care instructions for sealed flooring and stairs".

Tools / Cleaning



Airless/airmix spraying equipment, flow cup gun, sealant roller with microfibre cover (pile height 8 mm), acrylic brush

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 a particle filter P2 must be worn during spraying, together with protective 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.

Biocidal Products Regulation

Contains a biocidal product (in-can preservative) with the biocidal agents CMIT/MIT (3:1) for protecting the container content from deterioration by microbial organisms (germs, yeast, etc.). Please note the processing guidelines carefully!



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

EU limit value for the product (cat A/i): max. 140 g/l (2010).
This product contains < 140 g/l VOC.

VOC	
Kat.	A/i
2010:	140g/l
max.:	140g/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.