



# Aqua DL-65 Top PU

Water-based topcoat for windows, doors and other high-value wood elements



Colour	Availability		
	Quantity per pallet	672	200
	<b>Size / Quantity</b>	<b>0,75 l</b>	<b>2,5 l</b>
	Type of container	Tin bucket	Tin bucket
	Container code	01	03
	<b>Art. no.</b>		
<b>matt</b>			
white (RAL 9016)	7200	■	■
special colour	7201	■	■
base A	015100	■	■
base C	015102	■	■
<b>silk matt</b>			
white (RAL 9016)	7202	■	■
special colour	7203	■	■
base A	015103	■	■
base C	015105	■	■
<b>silk gloss</b>			
white (RAL 9016)	7204	■	■
special colour	7205	■	■
base A	015106	■	■
base C	015108	■	■

### Application rate

Approx. 100 ml/m<sup>2</sup> per coat



### Range of use



- For use on interior and exterior wood
- Dimensionally stable wood building elements: e.g. windows and doors
- Wood building elements with limited dimensional stability, e.g. folding shutters, matchboarding, summerhouses
- On many more substrates with Aqua AG-26-All Primer
- Intermediate and finishing coats
- Can also be used as a maintenance coat
- Not suitable for coating flooring (terraces, wooden decking, etc.)
- For use by professionals

### Property profile



- Resistant to yellowing
- Easy to apply
- Good edge coverage
- Weatherproof and moisture-regulating
- High PU content: long-lasting, dirt-repellent, hard-wearing
- Excellent flow properties
- Block resistant (in accordance with Code of Practice HO.03)
- Low odour
- Very good hiding power



- Highly elastic
- Exceptional adherence on old coatings when used for maintenance work.

**Characteristic data of the product**

Binder	Special PU/acrylate polymers
Density	Approx. 1.2 g/cm <sup>3</sup>
Odour	Mild, odourless once dry
Degree of gloss	Matt, silk matt, silk gloss

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"**
- **Emission test Aqua AG-26 / Aqua DL-65**

**Additional information**

- **Sustainability data sheet**

**Possible system products**

- **Aqua IG-15 Impregnation Primer IT\* (7145)**
- **Induline SW-910 (3777)**
- **Aqua AG-26 Universal Primer (7147)**
- **Aqua OZA-90 Open Time Additive (5320)**
- **Aqua PL-413 Parquet Varnish (2374)**

\*Use biocidal products carefully.  
Always read the label and product information before use.

**Preparation**

■ **Substrate requirements**

The substrate must be clean, dust-free and dry.  
Dimensionally stable wood building elements: wood moisture content 11-15%  
Wood building elements with limited or no dimensional stability: wood moisture content max. 18%

■ **Substrate preparation**

Thoroughly remove any dirt, grease and non-adhering old coatings.  
Thoroughly sand any old coatings that are still intact.  
Sand grey and weathered wood surfaces down to sound, bright wood.  
Observe BFS Code of Practice No. 18 "Coatings on Wood and Wooden Working Materials in Outdoor Areas".  
Pre-treat exterior wood that is to be protected from soft rot and blue stain with Aqua IG-15-Impregnation Primer IT\* - not necessary for interior wood (\*use biocides safely. Always read the label and product information before use).  
If a white or light-coloured top coat is used, to avoid bleeding of coloured substances contained in the wood pre-treat with Aqua AG-26 All Primer

**Directions**



■ **Conditions for use**

Optimum temperature of the material, air and substrate: from min. +10 °C to max. +25 °C.  
Relative humidity 50% - 65%.

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: 0.28-0.33 mm; material pressure: 70-90 bar.  
Air-mix spraying: nozzle size: 0.28-0.33 mm; material pressure: 70-90 bar, atomiser air pressure 1-2 bar.  
Apply further coats once dry.  
Apply 2 - 3 coats with a slight intermediate sanding.  
If the substrate has been pre-treated with Aqua AG-26 All Primer, 1-2 coats are sufficient.  
Maintenance coating: 1 - 2 coats with a slight intermediate sanding.  
Seal opened containers well and use contents as soon as possible.

**Tips on 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.  
Check colour, adhesion and compatibility with the substrate by setting up a trial area.  
Do not use at temperatures below +5°C.  
If the temperature is too low or the humidity too high, it will take longer for the material to reach the desired properties.  
If the temperature is too high or the humidity too low, the material will dry more quickly. In such cases, we recommend adding Aqua OZA-90 Open Time Additive.  
Divide large surfaces into strips and do not coat extensive areas all at once.  
Areas that are being coated or dried should be protected against rain, wind, sunlight and condensation.  
Bright, intense colours such as yellow, orange and red may have a lower covering capacity as a natural consequence of the pigments used. When using these colours, it is therefore recommended either to first apply a coat of a similar colour with a greater covering capacity, or to apply a second coat in the desired colour.



Gaskets that contain plasticizers tend to become sticky in conjunction with dispersion paints. Use plasticizer-free gaskets.

Sealing compounds must be compatible with the coating and may only be applied once the coating has dried thoroughly.

Please check paint compatibility with plasticised seals in advance, alternatively use plasticiser-free products (e.g. TPE seals).

■ **Drying**

Dust dry: approx. 30 minutes

Touch dry: approx. 1 hour

Overcoating: approx. 4 hours

Practice values at +20 °C and 65% relative humidity.

The coating may take significantly longer to dry thoroughly in lower temperatures, at high humidity or if the maximum layer thickness has been exceeded.

■ **Thinning**

If necessary, thin with up to 5% water or Aqua OZA-90 Open Time Additive.

**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).

On planed larch and softwoods with a high resin content, the coating may have reduced adhesion and resistance to weathering. This is especially the case on horizontal year rings, knots and areas of winter growth that are high in resin. Maintenance and renovation must be carried out more frequently on these surfaces. The only remedy for this is pre-weathering or very coarse sanding (P80). If these wood types are rough-sawn, considerably longer maintenance and renovation intervals are to be expected.

Observe the regulations concerning design principles for wood protection.

Do not use on horizontal surfaces without drainage slopes and without edge radius, avoid accumulated moisture.

**Tools / Cleaning**

Paintbrush with synthetic bristles, flat brush, flow cup gun, airless/airmix spraying equipment

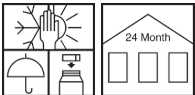


Clean tools immediately after use with water and detergent.

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 24 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.

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

EU limit value for the product (cat A/d): max. 130 g/l (2010).

This product contains < 130 g/l VOC.

VOC	
Kat.	A/d
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.