

# TEKNOCOAT AQUA 2550-02

## Water-borne 1K acrylic topcoat

High-performance, water-borne acrylic-based topcoat developed for industrial use on interior doors, solid wood, MDF, and fibreboards. The product is optimized for modern, fast coating lines where both process efficiency and surface finish are critical.

- Very fast drying.
- Excellent stacking properties.
- Good flow properties.
- Hard and durable surface.

With this topcoat, you achieve an efficient and reliable solution that combines fast throughput with a professional and long-lasting finish.



## TECHNICAL DATA

<b>Certificates, approvals and classification</b>	M1 classification
<b>Fields of application</b>	Ceilings, Interior doors, Mouldings, Panels
<b>Recommended substrate</b>	Hardwood, Softwood, MDF
<b>Solids</b>	Approx. 32% by volume
<b>Total mass of solids</b>	Approx. 510 g/l
<b>Volatile organic compound (VOC)</b>	Approx. 50 g/l (DIRECTIVE 2010/75/EU) The VOC value provided is the average value for factory produced products, and consequently it will be subject to variations between individual products covered by this Technical Data Sheet.
<b>Theoretical spreading rate</b>	10 m <sup>2</sup> /l (wet film 100 µm, dry film 30 µm)
<b>Colours</b>	Base paint 1 with limited tintability.
<b>Tinting system</b>	Teknomix
<b>Gloss (60°)</b>	Semi-matt
<b>Thinner</b>	Water or TEKNOSOLV 1935.
<b>Storage</b>	Protected against frost and not above +30°C. Keep containers tightly closed after use. The storage stability is shown on the label.
<b>Packaging</b>	Available in a range of standard pack sizes.

## DIRECTION FOR USE

<b>Surface preparation</b>	The surface to be treated must be dry, clean, and free from dust. The moisture content of the wood is to be below 20%.
<b>Application method</b>	Airless spraying, Air-assisted airless spraying, Conventional spraying, Vacumat
<b>Application</b>	Stir the product homogeneous before use.
<b>Application conditions</b>	<p>During the application and drying period the temperature of the ambient air, the surface and the product shall be above +15°C and the relative air humidity below 80%.</p> <p>The best result is achieved when the temperature of the air is +23°C - +38°C, the relative humidity of the air 50 - 70% and the ventilation is good.</p>
<b>Thinning</b>	Thin 0 - 5 % by water or TEKNOSOLV 1935 when required.
<b>Drying time</b>	+20°C / 50% RH
<b>- dry to handle</b>	1 h
<b>- stackable</b>	2 h
<b>- forced drying</b>	<p>+50°C / 50% RH:</p> <p>- dry to handle: 40 min after cooling</p> <p>- stackable / fit for sanding: 2 h</p> <p>The drying times are approximate and may vary according to wood quality, temperatures, humidity, ventilation, and film thickness.</p>
<b>Coating system</b>	TEKNOCOAT AQUA 2590-22 can be used on water-borne primers.
<b>Cleaning</b>	Water, TEKNOCLEAN 1949-00.

## HEALTH AND SAFETY

<b>Safety and precaution measures</b>	See safety data sheet.
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