

# Akvi Top DS 25

## PRODUCT DETAILS

### DESCRIPTION

One-component water-borne acrylate topcoat.

### PRODUCT FEATURES AND RECOMMENDED USES

- ◆ Fast-drying topcoat for interior use.
- ◆ Very hard paint film.
- ◆ Good filling properties.
- ◆ Very good scratch and blocking resistance.
- ◆ Suitable for panels, doors, mouldings and other wooden/fibre board surfaces.
- ◆ Low VOC content.

## TECHNICAL DATA

Volume solids	39±2 %
Weight solids	52±2 %
Specific gravity	1.25±0,1 kg/ litre
Product codes	56V serie

### Recommended spreading amounts and theoretical coverage

Recommended spreading amounts (unthinned)		Theoretical coverage
wet	dry	
100–120 g/m <sup>2</sup>	31–38 µm	10–13 m <sup>2</sup> /l

Practical coverage depends on application method, painting conditions and shape and quality of the substrate.

### Drying times

	+23°C	+50°C
Dust dry, after	20–25 min	5–10 min
Touch dry, after	20–25 min	5–10 min
Dry to sand, after	25–30 min	5–10 min

Drying and recoating times are related to the film thickness, temperature, the relative humidity of the air and ventilation.

Application methods	Airless spraying, air assisted airless spraying and conventional spraying.
Gloss	Semi-matt.
Colours	RAL, NCS, SSG, BS and SYMPHONY colour cards.
Tinting system	AVATINT tinting system.

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## APPLICATION DETAILS

<b>Surface preparation</b>	Wood surfaces should be sanded with sandpaper P150–240. Primed surfaces should be sanded with sandpaper P240–600. All sanding dust must be removed.
<b>Recommended Primers</b>	Akvi Primer Pro, Akvi Primer, Diccoplast Primer and Dicco Surf Primer.
<b>Application conditions</b>	Substrate must be clean and dry before painting. During application and drying air temperature, substrate and paint must be over +18°C and relative humidity of the air must be below 70%.
<b>Mixing components</b>	Stir the paint carefully before use. Thin with water if necessary.
<b>Application (+23°C)</b>	<p>For <b>airless spraying</b>, the product is thinned approximately 0–5%. Recommended nozzle tip is 0.011"–0.015" and pressure 120–160 bar. Spray angle shall be chosen according to the shape of the object.</p> <p>For <b>air-assisted airless spraying</b>, the product is thinned approximately 0–5%. Recommended nozzle tip is 0.011"–0.015" and pressure 40–120 bar. Atomising air pressure should be about 1–3 bar. Spray angle shall be chosen according to the shape of the object.</p> <p>For <b>conventional spraying</b>, the product is thinned approximately 0–5% . Recommended nozzle tip is 1.6–2.2 mm and pressure 2–3 bar.</p>
<b>Thinner</b>	Water.
<b>Cleaning of equipment</b>	Water.
<b>VOC</b>	The Volatile Organic Compounds amount is 28 g/litre of paint mixture. VOC content of the paint mixture (thinned 5% by volume) is 26 g/l. VOC 2004/42/EC (cat A/d) 130 g/l (2010)
<b>HEALTH AND SAFETY</b>	<p>Containers are provided with safety labels, which should be observed. Further information about hazardous influences and protection are detailed in individual health and safety data sheets.</p> <p>A health and safety data sheet is available on request from Tikkurila Oyj.</p> <p><b>For industrial and professional use only.</b></p>
<b>More information</b>	If you have any questions about this product, please go to web site <a href="http://www.tikkurila.com">www.tikkurila.com</a> or send an e-mail to <a href="mailto:info.coatings@tikkurila.com">info.coatings@tikkurila.com</a> .

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The above information is not intended to be exhaustive or complete. The information is based on laboratory tests and practical experience, and it is given to the best of our knowledge. The quality of the product is ensured by our operational system, based on the requirements of ISO 9001 and ISO 14001. As manufacturer we cannot control the conditions under which the product is being used or the many factors that have an effect on the use and application of the product. We disclaim liability for any damages caused by using the product against our instructions or for inappropriate purposes. We reserve the right to change the given information unilaterally without notice.

The product is intended for professional use only and shall only be used by professionals who have sufficient knowledge and expertise on the proper use of the product. The information above is advisory only. To the extent permitted by applicable law, we shall not approve of any liability for the conditions under which the product is being used or for the use or application of the product.

In case you intend to use the product for any other purpose than that recommended in this document without first getting our written confirmation on the suitability for the intended use, such use takes place at your own risk.