



# Akvi Color AT-S

## DESCRIPTION

A water-borne stain.

## PRODUCT FEATURES AND RECOMMENDED USES

- Contains light resistant pigments.
- Akvi Color AT-S is designed for spraying and dipping
- The stain does not contain free formaldehyde and after drying it does not emit formaldehyde to the environment
- Recommended for furniture, doors and other wood and wood fibre surfaces indoors

## TECHNICAL DATA

### Volume solids

2–20%, depending on the colour

### Weight solids

3–25%, depending on the colour

### Specific gravity

0.99–1.1 kg/litre depending on the colour.

### Recommended spreading amounts and theoretical coverage

10–20 m<sup>2</sup>/l depending on the colour. Practical coverage depends on the application method, painting conditions and the shape and roughness of the surface to be coated.

### Drying times

80 - 100 g/m <sup>2</sup>	+20°C	+50°C	+70°C	IRM
Recoatable, after	30min	15min	10min	5min

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

### Color shades

Shades from the Akvicolor AT colour cards and several colours by request. The product belongs to the Akvi Tone -tinting system.



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## APPLICATION INSTRUCTIONS

**Surface preparation** Remove dust, loose particles and other impurities from the surface. Wood surfaces must be sanded with sandpaper P150–320. Sanding prior to the next application with sandpaper P240–400. All sanding dust must be removed.

Note! The roughness of the sandpaper also effects of shade.

**Recommended topcoats** Merit 20, Merit 30, Merit 80, Merit Zircon Extra 25, Luminol Clear 25, Akvidur 20, Akvilac FD 25, Akvilac FD-J 10, Akvilac FD-J 25, Akvilac FD-J 35, Akvilac FD 70.

Note! Different kind of topcoats might be changed the colour shades.

**Application conditions** The surface to be treated has to be clean and dry. The moisture content of wood has to be below 20%. During application and drying temperature of the air, substrate and product must be over +18°C and relative humidity of the air below 70%. Good ventilation is required to ensure optimal result. Product can be dried with or without oven.

**Application** Stir the stain carefully before use. Different application methods may result in shade variations. The shade and hue of the stain should be verified before applying large surfaces.

For conventional spraying, the product is thinned approximately 0–10%. Recommended nozzle tip is 1.0–1.4 mm and pressure 1–3 bar. Spray angle shall be chosen according to the shape of the object.

For dip coating the product is not thinned.

**Thinners** Water

**Cleaning of equipment** Water.

**VOC** The Volatile Organic Compounds amount is 100 g/l of stain.

**HEALTH AND SAFETY** 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.

A health and safety data sheet is available on request from Tikkurila Oyj.

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