



Akvi Color AT-S

DESCRIPTION

A water-borne stain.

PRODUCT FEATURES AND RECOMMENDED USES

- A water-borne stain with UV and sunlight resistant pigments. The stained wood will retain its color considerably longer. The product is designed for interior use.
- Can be used in Nordic Swan Ecolabeled buildings. As a water-borne product, it does not harm the environment.
- Enhances the appearance of natural wood structure. Due to the wide range of colors, it is easy to make the end product more unique. Natural-looking color samples on wood available by request.
- 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 color

Weight solids

3–25%, depending on the color

Specific gravity

0.99–1.1 kg/litre depending on the color.

Recommended spreading amounts and theoretical coverage

10–20 m²/l depending on the color. 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 ²	+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, Akvilac FD 25, Akvilac FD-J 10, Akvilac FD 70.

Note! Different kind of topcoats might be changed the color 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.
Directive 2004/42/EC is not applicable in the use of the product.

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.

For industrial and professional use only.

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.