

AKVI COLOR AT

DESCRIPTION

A water borne stain.

EMISSION CLASSIFICATION

The stain does not contain free formaldehyde and after drying it does not emit formaldehyde to the environment.

PRODUCT FEATURES AND RECOMMENDED USES

- ◆ Contains light resistant dyestuffs.
- ◆ Recommended for furniture, doors and other wood and wood fibre surfaces indoors.
- ◆ Especially suitable for application under UV curing lacquers.
- ◆ Akvi Color AT-R (377 series) for roller coaters and Akvi Color AT-S (378 series) for spray application.

TECHNICAL DATA

Solids content

2 - 20 % by volume, 3 - 25 % by weight, depending on the colour.

Specific gravity

0.99 - 1.1 kg/litre depending on the colour.

Product codes

377 and 378 series

Theoretical coverage

0.5 - 2.0 m²/l (100 µm) depending on the colour.
Practical coverage depends on the application method, painting conditions and the shape and roughness of the surface to be coated.

Storage (23 °C)

6 months.

Application details

Application technique	Viscosity DIN4
Low pressure spraying	delivery viscosity
Roller coater	delivery viscosity
Dip coating	delivery viscosity

Drying times (80 - 100 g/m²)

	20 °C	50 °C	70 °C	IRM
Recoatable, after	30 min	15 min	10 min	5 min

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

Thinner

Water.

Cleaning of equipment

Water.

Colours

Several colours by request.

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APPLICATION DETAILS

Application

Stir the stain carefully before use. The stain is ready for use. Different application methods may result in shade variations. The shade and hue of the stain should be verified before applying large surfaces. Notice that different kinds of top lacquers can change the shade (Merit, Uvinol or Akvi). The sanding paper fineness will also influence the shade.

Akvi Color AT can be thinned with water, if needed.

Akvi Color AT-R is only recommended to be used for roller coater lines with UV-curable lacquers.

Application conditions

The surface to be treated has to be clean and dry. During application and drying the temperature of the air, the surface to be treated and the stain has to be over 18 °C and the relative humidity of the air below 70 %.

VOC

The Volatile Organic Compounds amount is 150 g/litre of stain.

Maximum VOC content in ready to use stain (thinned 5 % by volume) is 200 g/l.

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 Oy.

rer260606/sni030108/377-, 378-s.