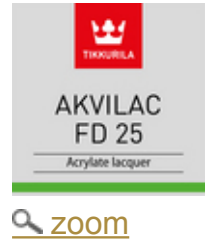
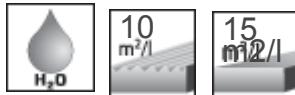


Akvilac FD 25

DESCRIPTION	A water-borne, one-component acrylate lacquer.
PRODUCT FEATURES	A very fast drying all-round lacquer for interior use. The lacquer film is transparent and it could be used on the top of dark stain colours. Excellent blocking and chemical resistance.
RECOMMENDED USES	Suitable for furniture, panels, doors and other wooden surfaces. Especially suitable for fast production lines.



TECHNICAL DATA



Colour Range Teraspeed Akvi Tone -tinting.

Coverage	Recommended spreading amounts (unthinned)		Theoretical coverage
	dry	wet	
		20–29 µm	70–100 g/m ²

Practical coverage depends on the application method, painting conditions and the shape and roughness of the surface to be coated.

Thinner Water
Air-assisted airless spraying and conventional spraying.

Application (+23 °C)

Application method For air-assisted airless spraying, the product is thinned approximately 0-5% to the viscosity 45-65s (DIN4). Recommended nozzle tip is 0.009"–0.013" 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.

For conventional spraying, the product is thinned approximately 0–5% to the viscosity 45-60s (DIN4). Recommended nozzle tip is 1.4–1.8 mm and pressure 2-3 bar.

Drying times	100 g/m ² wet film	+23 °C	+ 50 °C
	Dust dry, after		20–25 min



Akvilac FD 25

Touch dry, after	25–30 min	5–10 min
Dry to sand, after	30–35 min	5–10 min

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

Solids volume	Volume solids 29±2% Weight solids 31±2%
Density	1.0 kg/litre
Product code	447 6909 (TCW-base)

APPLICATION DETAILS

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 lacquer has to be over +18°C and the relative humidity of the air below 70%.
Preparation	Wood surfaces should be sanded with sandpaper P150–240. Primer surfaces should be sanded with sandpaper P240–600. All sanding dust must be removed before lacquering.
Priming	Recommended primers: Akvilac 25 FD. Apply lacquer 1–2 times.
Mixing of components	Stir the lacquer carefully before use. Avoid flotation. Thin with water to the viscosity required.
Cleaning of tools	Water.
EU VOC 2004/42/ EC-limit value	The Volatile Organic Compounds amount is 16 g/litre of paint mixture. VOC content of the paint mixture (thinned 5 % by volume) is 15g/l. VOC 2004/42/EC (cat A/e) 130g/l (2010)

HEALTH AND SAFETY

LABELLING according to

Regulation (EC)
No. 1272/2008

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.

 [Safety data sheet](#)

ENVIRONMENTAL

and WASTE -

DISPOSAL -

TRANSPORT -

-

The above information, based on laboratory tests and practical experience, has been proved valid at the date marked on the product data sheet. The quality of the product is ensured by our operational system, based on the requirements of ISO 9001 and ISO 14001. As a manufacturer we cannot be



Akvilac FD 25

responsible for any damages caused by using the product against our instructions or for inappropriate purposes.