

AKVILAC 10, 20, 30, 40, 70

DESCRIPTION

Waterborne acrylate lacquer.

EMISSION CLASSIFICATION

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

PRODUCT FEATURES AND RECOMMENDED USES

- ◆ A fast drying all-round lacquer for interior use.
- ◆ Suitable for furniture, panels, doors etc. wooden surfaces.

TECHNICAL DATA

Solids content

Abt. 33 % by volume, 35 % by weight.

Specific gravity

1.0 kg/litre.

Product codes

005 3830, 005 3831, 005 3832, 005 3833 and 005 3834.

Recommended spreading amounts and theoretical coverage

Recommended spreading amounts (unthinned)		Theoretical coverage
wet / one layer	theoretical dry film thickness	
120 g/m ²	40 µm	8 - 9 m ² /l

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

Application details

Application technique	Viscosity DIN4
Low pressure spraying	40 - 70 s
Airless spraying	40 - 70 s
Curtain coating	40 - 70 s

Drying times (100 - 120 g/m²)

	20 °C	50 °C	IRM
Dry to sand, after	15 - 30 min	5 - 15 min	3 min

Stacking temperature below 35 °C.

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

Thinner

Water or Akvi Thinner.

Cleaning of equipment

Water.

Gloss

ISO 2813/60°	5 - 15	005 3830
	17 - 23	005 3831
	27 - 33	005 3832
	37 - 43	005 3833
	> 60	005 3834

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APPLICATION DETAILS

Application	Stir the lacquer carefully before use. Avoid flotation. The lacquer is recommended to use without thinning. If necessary thin the lacquer with water or Akvi Thinner.
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 %.
VOC	The Volatile Organic Compounds amount is 120 g/litre of lacquer. Maximum VOC content in ready to use lacquer (thinned 10 % by volume) is 140 g/litre.
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.

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