

AKVILAC 10, 20, 40, 70 (PINJALAC 10, 20, 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 Akvilac 10 TCW, 431 6909 abt. 30 % by volume, abt. 33 % by weight.
Akvilac 20 TCW, 392 6909 abt. 29 % by volume, abt. 32 % by weight.
Akvilac 20 TAW, 392 6908 abt. 29 % by volume, abt. 32 % by weight.
Akvilac 40 TCW, 434 6909 abt. 32 % by volume, abt. 34 % by weight.
Akvilac 70 TCW, 459 6909 abt. 31 % by volume, abt. 33 % by weight.

Specific gravity 1.0 kg/litre.

Product codes Akvilac 10 TCW, 431 6909 (old code 005 3830)
Akvilac 20 TCW, 392 6909 (old code 005 3831),
Akvilac 20 TAW, 392 6908
Akvilac 40 TCW, 434 6909 (old code 005 3833)
Akvilac 70 TCW, 459 6909 (old code 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 - 10 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 Gloss Water.
ISO 2813/60°
5 - 15 (431-serie)
15 - 25 (392-serie)
35 - 45 (434-serie)
65 - 75 (459-serie)

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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 Akvilac 10 TCW, 431 6909
Akvilac 20 TCW, 392 6909
Akvilac 20 TAW, 392 6908
Akvilac 40 TCW, 434 6909
The Volatile Organic Compounds amount is 80 g/litre of lacquer. Maximum VOC content in ready to use lacquer (thinned 10 % by volume) is 110 g/litre.

Akvilac 70 TCW, 459 690
The Volatile Organic Compounds amount is 110 g/litre of lacquer. Maximum VOC content in ready to use lacquer (thinned 10 % by volume) is 140g/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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