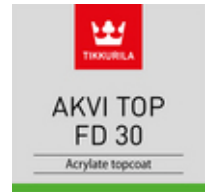


Akvi Top FD 30

DESCRIPTION One-component water-borne acrylate topcoat.
 PRODUCT Fast drying topcoat for interior use.
 FEATURES

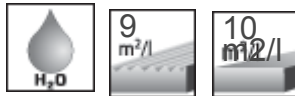
RECOMMENDED USES Suitable for panels, doors, mouldings and other wooden/fibre board surfaces.



 [zoom](#)



TECHNICAL DATA



Features Good blocking resistance.
 Low VOC content.
 The M1 classification for low-emitting building materials has been granted by the Finnish Building Information Foundation RTS.

Colour Range AVATINT tinting system

Building material emission class M1

	Recommended spreading amounts (unthinned)		Theoretical coverage
	wet	dry	
Coverage	110–120 g/m ²	30µm	9–10 m ² /l

Practical coverage depends on application method, painting conditions and shape and quality of the substrate.

Thinner Water
 Application (+ 23 °C)

Airless spraying, air-assisted airless spraying and conventional spraying.

Application method For airless spraying, the product is thinned approximately 0–5%. Recommended nozzle tip is 0.011"–0.015" and pressure 120–160 bar. Spray angle shall be chosen according to the shape of the object.



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For air-assisted airless spraying, the product is thinned approximately 0–5%. Recommended nozzle tip is 0.011"–0.015" 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%. Recommended nozzle tip is 1.6–2.2mm and pressure 2–3 bar.

	+23°C	+50°C
Drying times		
Dust dry, after	25–30min	5–10min
Touch dry, after	25–30min	5–10min
Dry to sand, after	30–35 min	10–15min

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

Special feature

Solids volume	33±2% by volume 43±2% by weight
Density	1.2±0,1 kg/ litre
Product code	454 serie

APPLICATION DETAILS

Application conditions	Substrate must be clean and dry before painting. During application and drying air temperature, substrate and paint must be over +18°C and relative humidity of the air must be below 70%.
Preparation	Wood surfaces should be sanded with sandpaper P150–240. Primed surfaces should be sanded with sandpaper P240–600. All sanding dust must be removed
Priming	Recommended primers: Akvi Primer MDF, Diccoplast Primer and Dicco Surf Primer.
Mixing of components	Stir the paint carefully before use. Thin with water if necessary.
Cleaning of tools	Water.
EU VOC 2004/42/ EC-limit value	The Volatile Organic Compounds amount is 14.3 g/litre of paint mixture. VOC content of the paint mixture (thinned 5% by volume) is 13.5 g/l. VOC 2004/42/EC (cat A/d) 130g/l (2010)

HEALTH AND SAFETY

Containers are provided with safety labels, which should be observed. Further information about hazardous influences and protection are detailed in individual



Akvi Top FD 30

LABELLING
according to
Regulation (EC)
No. 1272/2008

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