



Akvi Top MP 15

DESCRIPTION

A one-component water-borne acrylate topcoat for colorful even surface.

PRODUCT FEATURES AND RECOMMENDED USES

- Good hiding power ensures the high quality of the dry paint film
- Levels evenly and smoothly. Good levelling properties ensure the high quality of the final surface
- High solids content and good filling properties
- A fast-drying topcoat which forms a hard film with a possibility for a wide range of colors
- Very good blocking resistance
- Suitable for panels, mouldings and other wooden/fibre board surfaces

TECHNICAL DATA

Volume solids 35±2%

Weight solids 47±2%

Specific gravity 1.2±0,1 kg/ litre

Recommended spreading amounts and theoretical coverage

Recommended spreading amounts (unthinned)		Theoretical coverage
wet	dry	
100–120 g/m ²	35–42 µm	10–12 m ² /l

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

Drying times

	+23°C	+50°C
Dust dry, after	20–25 min	5–10 min
Touch dry, after	20–25 min	5–10 min
Dry to sand, after	25–30 min	5–10 min

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

Gloss Matt.

Color shades RAL, NCS, SSG, BS and SYMPHONY colour cards. Avatint tinting system.

Akvi Top MP 15

APPLICATION INSTRUCTIONS

Surface preparation Remove dust, loose particles and other impurities from the surface. Wood surfaces must be sanded with sandpaper P150–320. Sanding prior to the next application with sandpaper P240–400. All sanding dust must be removed.

Recommended primers Akvi Primer MP, Akvi Primer, Diccoplast Primer, Dicco Surf.

Application conditions The surface to be treated has to be clean and dry. The moisture content of wood has to be below 20%. During application and drying temperature of the air, substrate and paint must be over +18°C and relative humidity of the air below 70%. Good ventilation is required to ensure optimal result. Product can be dried with or without oven.

Application Stir the product carefully.

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.

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 1.6–2.2 mm and pressure 2–3 bar.

Thinners Water

Cleaning of equipment Water.

VOC The Volatile Organic Compounds amount is 74 g/litre of paint mixture. VOC content of the paint mixture (thinned 5% by volume) is 73g/l. VOC 2004/42/EC (cat A/d) 130 g/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 health and safety data sheets.

A health and safety data sheet is available on request from Tikkurila Oyj.

For industrial and professional use only.

The above information is not intended to be exhaustive or complete. The information is based on laboratory tests and practical experience, and it is given to the best of our knowledge. The quality of the product is ensured by our operational system, based on the requirements of ISO 9001 and ISO 14001. As manufacturer we cannot control the conditions under which the product is being used or the many factors that have an effect on the use and application of the product. We disclaim liability for any damages caused by using the product against our instructions or for inappropriate purposes. We reserve the right to change the given information unilaterally without notice.

The product is intended for professional use only and shall only be used by professionals who have sufficient knowledge and expertise on the proper use of the product. The information above is advisory only. To the extent permitted by applicable law, we shall not approve of any liability for the conditions under which the product is being used or for the use or application of the product.

In case you intend to use the product for any other purpose than that recommended in this document without first getting our written confirmation on the suitability for the intended use, such use takes place at your own risk.