

Akvi Top AB 20

DESCRIPTION

A one-component, semi-matt water-borne special paint.

PRODUCT FEATURES AND RECOMMENDED USES

- Has been tested to show a high virus inactivating activity against the Bovine Coronavirus (S379 Riems) using the quantitative carrier test according to ISO 21702:201. The test was carried out by Eurofins laboratory (date of test report: 3rd of February 2022).
- Contains active silver phosphate glass which inhibits bacterial growth on the painted surface. The antibacterial activity of the painted surface has been tested according to ISO 22196. The bacterial strains used were Staphylococcus aureus ATCC 6538P and Escherichia coli ATCC 8739 for a period of 24 hours.
- Resistant to wear and abrasion. Akvi Top AB 20 withstands heavy wear in demanding conditions and can be cleaned with commonly used hospital detergents and disinfectants.
- Suitable for concrete, plaster, filler, bricks and other common building boards.
- Recommended to be used for wall and ceiling surfaces both in dry and wet premises where excellent wear resistance and a high level of hygiene is required. For example lobbies, staircases, hospital corridors, patient rooms, swimming halls and other similar type of facilities.

TECHNICAL DATA

Volume solids 37±2%

Weight solids 48±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	37–44 µm	10–12 m ² /l

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

Drying times

120 g/m ²	+23°C	+50°C
Dust dry, after	20–25min	5–10min
Touch dry, after	2h	5–10min
Recoatable, after	4h	5–10min

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

Gloss

Semi-matt.

Color shades

Light colors in RAL, NCS, SSG, BS and SYMPHONY colour cards.

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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, Diccoplast Primer, Akvi Primer MP.
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 +10°C and relative humidity of the air below 80%. Good ventilation is required to ensure optimal result. Product can be dried with or without oven.
Application	<p>Stir the product carefully.</p> <p>For airless spraying, the product is thinned approximately 0–5%. Recommended nozzle tip is 0.015"–0.021" and pressure 120–160 bar. Spray angle shall be chosen according to the shape of the object.</p> <p>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.</p>
Thinners	Water
Cleaning of equipment	Water
VOC	The Volatile Organic Compounds amount is 0 g/litre of paint. VOC content of the paint mixture (thinned 5% by volume) is 0 g/l. VOC 2004/42/EC (cat A/d) 30 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.

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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.