Akvi Primer

DESCRIPTION

A water-borne all-round acrylate primer.

PRODUCT FEATURES AND RECOMMENDED USES

- An all-round primer with outstanding sanding properties, thus making it suitable for fast production lines.
- Dries fast even at room temperature and can be overcoated either with water or solvent-borne products.
- Suitable for furniture, doors, mouldings and other wooden surfaces in interior premises.

EPD Verified

TECHNICAL DATA

Volume solids

41±2%

Weight solids

58±2%

Specific gravity

1.4 kg / l

Recommended spreading amounts and theoretical coverage

Recommended spreading amounts (unthinned)		Theoretical coverage
wet	dry	
80–120 g/m²	24–35 µm	11–18 m²/l

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

Drying times

100–120 g/m² wet film	**+23°C**	**+50°C**	**IRM**
Dust dry, after	5–10min	5–10min	
Touch dry, after	10–15min	5–10min	
Dry to sand, after	15–20min	5–10min	1–2min

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

Gloss

Matt.

Color shades

White

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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 topcoats	Akvi Top DS 25, Diccoplast 30, Luminol 25 N.
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 product 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	For airless spraying, the product is thinned approximately 0–10% to the viscosity 40–80s (DIN4). Recommended nozzle tip is 0.011"–0.015" and pressure 100–160 bar. Spray angle shall be chosen according to the shape of the object. For air-assisted airless spraying, the product is thinned approximately 0–10% to the viscosity 40–80s (DIN4). 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 0–10% to the viscosity 40–80s (DIN4). Recommended nozzle tip is 1.4–1.8 mm and pressure 2–3 bar.
Thinners	Water
Cleaning of equipment	Water
Storage	Opened packaging has more limited shelf life than unopened packaging.
VOC	The Volatile Organic Compounds amount is 57 g/litre of paint mixture. VOC content of the paint mixture (thinned 10% by volume) is 51 g/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.