

BTAi® PT lak 5000 A-V
Water-soluble burnable coating**Product description****Usage:**

BTAi PT lak 5000 A-V is suitable for one-layer burnable coatings of metal products, constructions and materials in interior and exterior. Thanks to its quality, it is suitable for industry processing in paint shops.

Features:

BTAi PT lak 5000 A-V is one component water-soluble coating for industry usage based on urethan-modified polyester resin, melamine resin, pigments, fillers, rheological thixotropic thickeners and special additives. **BTAi PT lak 5000 A-V** is specified by high toughness after burning, perfect wind resistance, very good adhesion to metal surfaces and very good water resistance. **BTAi PT lak 5000 A-V** is produced in semi-gloss finish.

Application:

BTAi PT lak 5000 A-V is suitable for application in industry paint shops. The most suitable technique of application is air or airless spraying and dipping. The viscosity can be adjusted according to requirements of customer. **BTAi PT lak 5000 A-V** can be applied in surroundings temperatures from 15 to 30 °C and relative air-humidity up to 65 %.

Application conditions:

Flash off:	5–10 minutes at 23 °C
Drying:	10–15 minutes at 60 °C
Burning:	30 minutes at 150 °C

Recommended dilution for different application techniques:

- | | |
|----------------------|---------------------------------------|
| 1. Airless spraying: | supplied viscosity |
| 2. Air spraying: | supplied viscosity |
| 3. Dipping (FC4): | 20–40 s, diluted with 2–10 % of water |

Color shade:

Black, otherwise according to customers' requirements.

Technical data

Dry matter	min. 42 wt. %
Outflow time (FC4)	min 30 s
pH	7,0–9,0
Toughness after a cycle	min. 40 %
Density	1,1–1,3 g/cm ³ (according to color shade)
Recommended thickness	DFT (dry film): 20–40 μm
VOC	14,0 g/l
TOC	0,007 kg/kg

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Waste disposal:

Described on safety data sheet of the product.

Safety and hygiene at work:

BTAi PT lak 5000 A-V is classified as dangerous for the environment. It contains zinc phosphate and zinc oxide. Toxic to aquatic life with long lasting effects. Avoid release to the environment. Collect spillage. Dispose of contents/container by incineration in an incineration or disposal of hazardous waste in landfills for hazardous waste. It contains 2,4,7,9-tetramethyldec-5-yne-4,7-diol (ES: 204-809-1). May cause an allergic reaction. A safety data sheet is available on request. Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist. When following basic hygiene rules, it is not a health hazard. While working, it is suitable to use protective clothing, gloves and goggles. In case of contact with skin, wash with soap and water. In case of contact with eyes, rinse with water immediately. If the irritation does not stop, seek medical help. If swallowed, drink about 0,5 l of tepid water with 10 crushed charcoal tablets and seek medical help. Do not induce vomiting. Other details are described on safety data sheet of the product.