

Hammerton

Technical Data Sheet



Product description

Penguin Hammerton is an alkyd resin-based, air-dry, industrial metal topcoat. It adheres well to metal and primed surfaces, dries quickly. It has high coverage, spreads easily and makes a glossy crack pattern surface appearance on the surface. Perfectly covers defects of the used surface during production and assembly. It has resistance to the effects of weather conditions, chemical and physical impacts.

Sphere of usage

Penguin Hammerton is used for decorative and protective painting of parts of industrial and farm machinery, electrical household equipment, tubs and metal objects (doors, tables, cabinets). It protects the metal against rusting and prolongs its life.

Physical specifications

Color	According Hammerton Colour Chart
Density (gr/ml)	0.97±3 (Depend on Colour)
Viscosity (25°C) KU	65±5
Gloss level	Gloss
Thinner	It can be diluted with Penguin Cellulosic Thinner up to 5-10%

Paint consumption

Depending on the surface smoothness and the method of application, a single layer of 1 kg can be painted on an area of 8-10 m². The consumption is affected by the roughness and porosity of the surface to be painted, as well as the method and conditions of painting.

Surface preparation

Before application, the surface must be cleaned of old paint residues, dust, dirt, oil residues and substances preventing adhesion. The new surfaces to be painted should be primed with a single layer of rapid primer, the raised old paint on the old painted surfaces should be dug up and the entire surface should be sandblasted. In order to eliminate level differences on the surface, the necessary places should be puttied, and if necessary, primed with a rapid primer. Penguin Hammerton Paint is ready for use on the applied surface at least 12 hours later, depending on the application requirements, it should be thinned with Penguin Cellulose Thinner at a ratio of 5-15% and mixed well, and applied with a spray gun in one layer or two layers.

Application methods

Spray	Appreciate
Brush	Appreciate
Roller	Appreciate

Drying duration

The drying time mainly depends on the weather conditions, the thickness of the applied layer and the number of applied layers. The table below shows the approximate drying time of the paint depending

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on the air temperature.

- The area to be painted should be well ventilated (Open air or free air circulation)
- The paint should be applied at the recommended thickness
- The Relative humidity should not exceed 70%.

Weather temperature	10°C	23°C
Surface drying	1 hour	15-20 min
Top drying	3 hours	1 hour
Full drying	40 hours	24 hours

Storage conditions

The paint should be stored in dry, cool, well-ventilated warehouses without direct sunlight, between +5°C and +35°C without opening the lid. It should be mixed well before use. Shelf life is 3 years in unopened packaging.

Packing types

Penguin Hammerton is produced in 0.75 lt and 2.5 lt metal containers.

The implementing operator

This product is intended for professional use. The applicator or operator must be experienced and knowledgeable about the product. The person in question shall mix and apply the paint according to the specification. Employees participating in the application must be provided with safety equipment.

Product color

It can be painted in any color with water-based pastes. There may be slight variations in product color from batch to batch.

Attention

The above information is based on results obtained from laboratory tests and field applications. In applications outside the company's control, the company is solely responsible for the quality of the paint. It is not responsible for problems that may arise from implementation and application errors.

Health and safety regulations

Follow the instructions on the container. Store in warehouses where there is no possibility of high temperatures and sparks. Use in well-ventilated areas. In case of contact with the skin during use, it should be washed with a suitable solvent and then with soap and water. In case of eye contact, wash with plenty of water and seek medical attention if necessary.

S 2	: Keep out of reach of children.
S 3 / 7	: Keep the container in a cool place with the mouth closed/
S 24 / 25	: Avoid contact with eyes and skin.
S 29	: Do not dispose of in drains.
S 46	: In case of ingestion, consult a doctor immediately, show the container or label.

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