

Cellulose Filling Varnish

Technical Data Sheet



Product description

Penguin Cellulose Filling Varnish is a nitrocellulose based high-quality filling component that gives more smooth and shiny view and avoids defects of wood.

Sphere of usage

It's used on the wood and parquet and wood must be smoothed out with emery paper after application. If there is a demand, two or three layers can be applied. Dust must be cleaned fully after smoothing and varnishes for top layer must be applied.

Film thickness and spreading rate

	Minimum	Maximum
Theoretical spreading rate (m ² /l)	8	10

Physical specifications

Color	Transparent
Dry residue content (weight %)	25±3
Density (gr/cm ³)	0.92±3
Viscosity	85±5
Shine	Semi-Matt

Surface preparation

Surface must be cleaned from dust, dirt, oil substances and old paints. If there are a lot of defects on the wood, then it must be smoothed out with emery paper before filling varnish application.

Application methods

Spray	Airless spray or convention spray can be used
Brush	Appreciate
Roller	Appreciate

Drying duration

Drying duration depends on weather conditions, thickness and number of layers. In the table below, approximate drying duration is shown in different temperatures.

- Surface must be good-ventilated (Open air or free air circulation)

- Paint must be applied in recommended thickness
- Thickness must be determined according to the number of layers

Weather temperature	10°C	23°C	40°C
Top drying	1-1.5 hour	20-30 min	10 min
Full drying	2-3 hour	1 hour	30 min
Second layer, minimum	8-10 hour	3-5 hour	1-3 hour

Storage conditions

Paint must be stored without opening in dry, cool, good ventilated places where there is not any risk for high temperature and sparks. It is recommended to mix the paint before usage.

Packing types

Paint is produced in 0.75 l, 2.5 l and 12 kg steel containers.

Health and safety rules

Follow the rules on the containers. Store in depots where there is not any risk for high temperature and sparks. Use in good-ventilated places. If there is a contact with paint, first clean it with proper solvent and then wash skin with water and soap. If eyes contact with paint, it must be cleaned water and doctor intervention is important.