

Cellulosic Filler

Technical Data Sheet



Product description

Penguin Cellulosic Filler is a high quality, nitro cellulose based, fast drying filler component which gives to top coats a smoother and glossier look and to remove defects on wood.

Sphere of usage

Penguin Cellulosic Filler is used on wood and parquet. After use filler is easily smoothed with flint paper. It dries quickly and saves time. Product saturate to the wood and preventing absorption of the final varnish.

Film thickness and spreading rate

| | Min | Max |
|---|-----|-----|
| Theoretical spreading rate (m ² /lt) | 8 | 10 |

Physical specifications

| | |
|-----------------------------|--|
| Color | Transparent |
| Solid content (% by volume) | 25±2 |
| Density (gr/ml) | 0.92±0.03 |
| Viscosity (25°C) KU | 85±5 |
| Gloss level | Semi Gloss |
| Thinner | It can be diluted with Penguin Cellulosic Thinner up to 10-15% |

Surface preparation

Before application, the surface must be cleaned of old paint residues, dust, dirt and oil residues. If there are many defects on the surface, it should be smoothed with wooden flint paper before the filler varnish. Depending on application requirements, Penguin Cellulosic Filler is thinned with Penguin Cellulosic Thinner at a ratio of 10-15% and applied in two to three layers with a paint gun or brush. Wait at least 30 minutes, maximum 4 hours between coats. It is recommended to wait at least 6 hours before to apply top coat.

Application methods

Spray Appreciate

Guiding data Airless spray

| | |
|--------------------|------------------------|
| Pressure at nozzle | 120 - 180 bar |
| Nozzle size | 0.38 - 0.48 mm |
| Spray angle | 60 – 80 ⁰ |
| Filter | Filter must be cleaned |

Guiding data Airspray

| | |
|--------------------|--------------|
| Pressure at nozzle | 3-5 bar |
| Nozzle size | 1.2 – 1.5 mm |

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| | |
|---------------|--|
| Brush | Appreciate. Care must be taken into account to achieve the specified dry film thickness. |
| Roller | Appreciate. Care must be taken into account to achieve the specified dry film thickness. |

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 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 | 40°C |
|----------------------------|-------------|-------------|-------------|
| Surface drying | 1-1.5 hours | 20-30 min | 10 min |
| Top drying | 2-3 hours | 1 hours | 30 min |
| Full drying | 8-10 hours | 3-5 hours | 1-3 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

It is produced in 0.75 lt, 2.5 lt and 12 kg 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.

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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. |

Note: "CMT GROUP" LLC reserves the right to change the information on the technical data page without notice.

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