

Finma Eco-line

Sustainable matting and texturing agents

For us, sustainability means that coating additives are produced at least 50% in the best case 100% from renewable sources which are not in competition with food production. Furthermore, all Finma Eco-line products are not subject to labeling requirements and are free of preservatives wherever possible. In addition, the renewable part of the products, if not in the final product, should be biodegradable.

General description

During development of the Finma Eco-line, sustainable products were identified which show a comparable, or in some cases even better, performance than established products on the market.



The Finma Eco-line includes powders for matting and texturing coating surfaces. These include **TECHNOCEL**[®] powders from CFF GmbH & Co. KG and Techpolymer powders from Sekisui Kasei.

Application Area

Matting and texturing of your systems with products based on renewable raw materials. Finma Eco-line products are suitable for the use in the following systems:

- PU-dispersions
- Polyester/Alkyd resins
- UV-coatings
- Acrylic-dispersions
- Polyepoxy resins

Usage

- Parquet coatings, floor care products
- Furniture coatings
- Foil coatings
- Leather (imitation) coating
- Plastic coatings
- Packaging inks

Finma Eco – matting agents

Techpolymer powders, consist of polyacrylate beads. The new EFC series is the first time to use monomers that allow a total renewable content of 50%.

Techpolymer EFC is used preferably when, in addition to matting, the highest demands on surface resistance and solvent resistance must be met.

Name	Matting efficiency	Particle size D50	Appearance	Renewable content	Raw material basis
Techpolymer EFC-208B	medium/high	7 µm ± 20 %	White powder	50 %	Biobased Acrylic

TECHNOCEL[®] powders consist of micronized cellulose fibers. They have a high matting efficiency combined with good transparency and optimum sedimentation stability in aqueous coating systems. With cellulose as the raw material base, all sustainability requirements are fulfilled. Outside of a coating system, **TECHNOCEL**[®] powders are biodegradable and not classified as microplastics.

Name	Matting efficiency	Particle size D50	Appearance	Renewable content	Raw material basis
TECHNOCEL[®] FM8	medium/high	11 µm ± 20 %	White powder	100 %	Cellulose
TECHNOCEL[®] 10	medium/high	18,5 µm ± 30 %	White powder	100 %	Cellulose

Finma Eco – texturing agents

Name	Matting efficiency	Particle size D50	appearance	Renewable content	Raw material basis
TECHNOCEL[®] 40	low	30 µm ± 20 %	White powder	100 %	Cellulose
TECHNOCEL[®] 50G	low	66 µm ± 20 %	White powder	100 %	Cellulose

Packaging

Packaging unit

15 kg bag
20 kg bag

Storage

Store in closed containers at low relative humidity and protected from freezing. Always keep the containers closed. The storage period of six months after shipment should not be exceeded.

Contact

- Customer-specific requirements need individual solutions.
- We can offer you support and advice for the start of your development work.
- Do you need more information?
- The FINMA team is looking forward to your contact.

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