

## 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
<b>Techpolymer EFC-208B</b>	medium/high	7 µm ± 20 %	White powder	50 %	Biobased Acrylic

**TECHNOCEL**<sup>®</sup> 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**<sup>®</sup> powders are biodegradable and not classified as microplastics.

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

**Finmatt Eco** powders consists of 100% renewable raw materials and is free of microplastics. Finmatt Eco is especially suitable for radiation-curing systems and shows high mechanical and chemical resistance without strongly influencing the viscosity. In waterborne systems, Finmatt Eco is characterized by good matting with high transparency.

Produktname	Mattierung	Partikelgröße D50	Aussehen	Anteil nachwachsender Rohstoffe	Besonders geeignete Systeme
<b>Finmatt Eco V1</b>	Mittel/Hoch	9 µm ± 30 %	Weißes Pulver	100 %	Strahlenhärtend

More Finmatt Eco solutions are currently under development, just ask about them if you are interested.

## Finma Eco – texturing agents

Name	Matting efficiency	Particle size D50	appearance	Renewable content	Raw material basis
<b>TECHNOCEL® 40</b>	low	30 µm ± 20 %	White powder	100 %	Cellulose
<b>TECHNOCEL® 50G</b>	low	66 µm ± 20 %	White powder	100 %	Cellulose
<b>TECHNOCEL® 75</b>	low	45 µm ± 20 %	White powder	100 %	Cellulose

<b>Packaging</b>	Packaging unit	15 kg bag 20 kg bag
------------------	----------------	------------------------

## 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.

**FINMA GmbH**  
 Ottostraße 17  
 D - 61191 Rosbach  
 phone.: +49-6003-9193-0  
 fax: +49-6003-9193-29  
[info@finma.de](mailto:info@finma.de)  
[www.finma.de](http://www.finma.de)



This datasheet should advise technically. It is not binding and does not claim to be complete.

The above data do not represent a characteristic warranty. The customer is not freed by this datasheet from his obligation to the examination on suitability for the intended purposes and procedures. Same applies to the inspection of incoming goods at the customer.

Created: 2024-07-04

replaces sheet from: 2023-04-01