



FIBROXCEL[®] UNI

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 Single pre-coat for beer filtration

→ TECHNICAL DESCRIPTION

Fibroxccl UNI can be used as a single pre-coat on any type of DE (kieselguhr) filter: candle filter, horizontal sieve filter and plate and frame filter.

Designed to substitute filter aids used in 1st and 2nd pre-coating in a standard filtration regime, with no modification of the filter and it's auxiliaries.

Filtration is an essential stage of production in the brewery. Successful regimes will allow to obtain high quality, bright and stable beers. A good pre-coat is the prerequisite for an efficient body-feed, with the main goal being the optimization of turbidity at the best possible cost/performance ratio per hL.

Fibroxccl UNI has been developed with the following targets:

- Reduction of total filter aid volume required for pre-coating, in terms of g/hL dosage up to 30%;
- Reduced time for preparing and cleaning the filter at the end of the cycle;
- Longer filtration runs, thanks to larger admissible volume capacity;
- Healthier environment: reduction in the use of CO₂ and de-aerated water;
- Important reduction of soluble Fe in the finished beer, above all in the first BBT and quality improvement in filtration thanks to the cellulose compound.

With this range of technological products, developed on the basis of rigorous procedures, AEB Group offers its know-how and expertise in brewing.

Fibroxccl UNI has been formulated to suit the two main filtration parameters:

- 1) Characteristics of the beer to be filtered at the beginning of filtration
- 2) Yeast cell count in non-filtrate:
 - a) **Fibroxccl UNI** is an excellent single pre-coat for centrifuged beer (up to about 2 M cells)
 - b) **Fibroxccl UNI** is ideal for non-centrifuged beers, with short maturation times, often in combination with high viscosities (high gravity beers), where medium and medium/coarse kieselguhr grades are used in body feed. Typically, beers will show a turbidity of above 50 EBC prior to filtration.

In any case, the high specific volume allows reducing the total amount of pre-coat, decreasing pre-coating times by 50%, while at the same time ensuring longer filtration runs.

Preparation of a single pre-coat is much faster and easier, while granting longer filtration runs on all kieselguhr filtration systems.

A modern production line has been specially designed for this innovative range of single pre-coating filter aids.

Reference: FIBROXCEL_UNI_TDS_EN_0021117_FILTRATION_Italy





FIBROXCEL® UNI

→ COMPOSITION AND TECHNICAL CHARACTERISTICS

Perlite, cellulose.

Physical characteristics	Darcy	Permeability (L/min./m ²)	Specific weight
White powder	0,15-0,25	150-160	0,112-0,130

→ DOSAGE

700-1000 g/m².

→ INSTRUCTIONS FOR USE

As unique pre-coat.

→ STORAGE AND PACKAGING

Store in a cool and dry place, away from direct light and heat.

20 kg net bag.

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