

FIRST FIBRA

Precoat for body feed filters

CHARACTERISTICS AND APPLICATIONS

The main purpose of the precoat cake, in body feed filtration, is that of assuring the mechanical stability of the complete cake. Further more, FIRST FIBRA has also a positive influence on the QUALITY of the filtrate and on the filtration YIELD.

FIRST FIBRA is obtained by processing a mix of extra-pure anhydrous α -cellulose fibers of the best quality available. The chemical-physical and organoleptic stability of the filtrate will be not affected by this treatment exactly because of the extreme purity of the components themselves. According to the desired type of filtration, EVERINTEC proposes

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- ⇒ FIRST FIBRA A.R. (high yield) with a permeability of 600-800/L/m²/h
- ⇒ FIRST FIBRA BRILL (polishing) with a permeability of 180-200/L/m²/h

FIRST FIBRA, acts on the QUALITY of the filtrate by improving the limpidity (NTU) and Filtration Index; this happens by adsorbing unstable components and by helping in the removal, during tighter filtration, of microorganisms.

FIRST FIBRA, besides granting MECCHANICAL STABILITY to the filter cake, also improves the filtration yields, reduces the time of discharging and washing the filter, reduces loss of product, and prevents the transfer of Diatomaceous Earth (DE) into the filtrate.

NOTE: In case of liquids with high clogging capacity, FIRST FIBRA can also be use in body feed (continuous dosage as for DE) in a ratio of 10-20% with respect to the DE used; by doing so, it will be possible to oppose the increase of the differential of pressure, and maintain the hourly yield for a longer time.

DOSAGE AND INSTRUCTIONS FOR USE

- 1) Disperse 50% of FIRST FIBRA (400-600 g/m²) in the dosing tank of the filter. Recycle the product till complete formation of the cake.
- 2) Repeat the same operation with the remaining 50% of FIRST FIBRA.
- 3) Repeat the same operation with DE (e.g. 500-1000g/m² of DE)
- 4) Add DE for body feed into the dosing tank of the filter (from 10 to more than 100 g/hL) adjusting its dosage according to the characteristics of the products to be filtered. For the preparation of the cake, we suggest to use water or an already filtered liquid.

COMPOSITION:

Extra pure α -cellulose fibers blended with selected Diatomaceous earths.

PACKING: 15 kg bags.

This product is not considered dangerous therefore a material safety data sheet is not necessary.