

Filtration precoats



filtrations

Fibroxcel 10®

Fibroxcel 30®

Fibroxcel VAC®

Precoats for continuous dosing

FIBROXCEL® 10 and **30** are chemically inert complex filter aids, which are used in the formation of the precoat for continuous dosing filtrations. **FIBROXCEL® VAC** is a versatile cross cut fiber that can be used in pressure leaf, vacuum and plate & frame operations. The production system of **FIBROXCEL®** is based on the creation of a perfectly uniform mixture of components through the use of special mixers equipped with rotating blades in a cyclone of air. This ensures seamless incorporation of the perlites amongst the cotton and cellulose fibers. This new structure lends to the precoats and to the subsequent coats a constant honeycomb structure.

PROPERTIES	FIBROXCEL® 10	FIBROXCEL® 30	FIBROXCEL® VAC
COLOR	White	White	White
PHYSICAL APPEARANCE	Fine powder	Fine powder	Fine powder
PERMEABILITY L/m ² /min			
D Value	175-200	63-75	210-230
PERMEABILITY DARCY	0,9-1,0	0,25-0,32	1,1-1,2
WET SPECIFIC WEIGHT	0,21	0,26	0,20
DRY SPECIFIC WEIGHT WITHOUT SETTLING	0,14-0,16	0,12-0,14	0,13
DRY SPECIFIC VOLUME	4,8	3,8	5,0
DOSE OF APPLICATION	1 Lb per Sq. M	1 Lb per Sq. M	1 Lb per Sq. M

WETTABILITY AND UNIFORMITY

The immediate wettability of **FIBROXCEL®** reduces the time needed for making up the precoat, prevents separation of the fibers from the filter aids and makes it possible to obtain a perfectly uniform precoat or coat of unvarying thickness on the filter element, in which the components are distributed at an identical ratio over the entire filter surface.

IMMEDIATE AND COMPLETE PRECOAT DETACHMENT

At the end of the filtration, the coat is easily and fully detached, also in filters equipped with automatic dry cake removal.

● COMPOSITION

Cotton fibres, lending an elastic and resistant structure, E 460 cellulose fibres with different electrostatic charge giving a high adsorbent power, diatomaceous earths and perlites that provide its in-depth adsorbent action. The cotton and cellulose fibres are not derived from GMO.

● PACKAGING

FIBROXCEL® 10 Bags of 20 kg.
FIBROXCEL® 30 Bags of 20 kg.
FIBROXCEL® VAC Bags of 20 kg.