

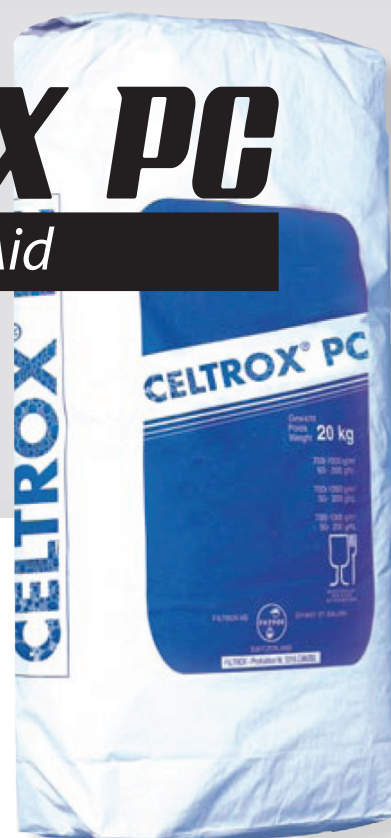
MARKET LEADERS IN FILTRATION

RONA™ CELTROX PC

PRE-COAT

Filter Aid

For a simple and reliable pre-coating on all alluvial filters.



FEATURES

- Pre-Coat filters in one step, only
- Up to 30% product saving - only 800-850 gm/m² filter surface
- Up to 30% costs saving - 20 minutes x running cost filter x cycle per year
- Up to 50% time saving - 20 minutes per filtration cycle
- Up to 50% energy saving - 20 minutes recirculation during pre-coating
- RONA™ CELTROX PC replaces the conventional product mixtures for pre-coating

APPLICATIONS FOR PRODUCT

- Specially designed for the requirement of a alluvial filter aid in the beverage industries, e.g. beer filtration, but also in the pharmaceutical and chemical production facilities.
- RONA™ CELTROX PC is used for the clarifying filtration for all kinds of liquids
- The recommended quantity for pre-coating is approx. 800g/m²
- Due to the mixture of cellulose fibres an elastic pre-coat with high resistance against pressure shocks is achieved

TYPICAL APPLICATION

Suggested 5 filters runs:

- Run 1 - Single Pre-coat 0.8kg/m² - check quality parameters
- Run 2 - 0.8 confirm
- Run 3 - 0.7 check
- Run 4 - 0.6 check
- Run 5 - Single pre-coat of 0.6 kg/m² (62kg @ 3.2kg/litre) equals a saving of 225L per cycle

A total pre-coat of 0.6 kg/m² (62kg @ 3.2kg/litre) equals a saving of 225L per cycle. Also expects reduced turbidity, yeast and particles counts in the brighter beer.

Smaller amount of pre-coat means:

- Longer filtration cycles means an extra 400gm/m² is available for body feed dosage
- Assuming a sludge volume of 8kg filter aid per m² filter area, the reduction of 400gm/m² means a 5% capacity increase

MATERIAL OF CONSTRUCTION

Mixture of highly purified, bleached cellulose, kieselguhrs and perlites.

PROPERTIES		MIN.	MAX.
Alluvional Deposit	g/L	310	350
Alluvional Volume	L/kg	2,8	3,2
Ash Content	%	94,0	98,0
Moisture	%		<2
Appearance	Pink coloured powder		
Smell / odour	Neutral		
Heavy metals, total	ppm	<50	
Fe- Content	ppm	<90	
Ca- Content	ppm	<300	
pH-Value, 10% ig in water		6,0 -8,0	

PROVEN SUCCESS OF RONA™ CELTROX PC

Previously:

- Two different pre-coats were necessary
- Pre-coating with coarse, medium and fine kieselguhr, cellulose & perlite
- Using 1.5 up to 2.0kg filter aids per m² filtration area
- Downtime of 60 up to 70 minutes for pre-coating
- Using of non-calcined coarse kieselguhr during pre-coating (crystalite)
- High handling & storage costs for various filter aids

More economical pre-coating with RONA™ CELTROX PC:

- Only one single filter aid for pre-coating is needed
- Using 0.8 up to max, 1.0kg filter aid per m² filtration area
- Increased free sludge volume for continuous body feed dosing
- Halved downtime for pre-coating; maximum 30 minutes
- Using natural kieselguhr for pre-coating (no dust hazard)
- Dramatically simplified logistics with reduced number of filter aids

Higher quality aspects with RONA™ CELTROX PC:

- Earlier achievements of low turbidity values during pre-coating
- 0.1 up to 0.2EBC lower turbidity compared with traditional filter aids
- Up to 20-fold reduction in the number of particles at the filter's outlet
- Less sensitivity against pressure shocks
- Higher biological stability / confirmed excellent filtration results
- Healthier handling of filter aids for operators



ORDERING INFORMATION

FILTER AID	WEIGHT
206- CELTROX	PC: 15kg Bag
	PC400 :400kg Bag

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