

Media

COROSEX

GENERAL DESCRIPTION

Corosex is a highly reactive magnesium oxide, specially processed to treat a low pH by neutralizing the free carbon dioxide in water. Corosex will slowly dissolve and will need to be replenished from time to time. To be used in continuous flow systems.

USP'S

- Corosex is highly reactive and neutralizes five times more acidity per weight than calcium carbonate.



STD 60



ORDER INFORMATION

Article number	0904026126
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Description	Corosex
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Quantity per pallet	60 bags
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Packaging	Bags of 25kg
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COROSEX

PHYSICAL CHARACTERISTICS

Color	brownish white
Bulk density	1.20 kg/l
Particle sizes	6 x 16 (1200 - 3300 micron)
Composition	MgO: 97% (min.)

CONDITIONS FOR OPERATION

Recommended service flow rate	12 - 15 m/h
Recommended backwash rate	25 - 30 m/h
pH range	4.5 - 6.0
Density	1.20 kg/l
Freeboard	50% of bed depth (min.)
Bed depth	600 - 770 mm

- A gravel support bed is recommended
- Backwashing frequently is necessary to prevent possible cementing of the mineral bed as a result of hardness minerals that precipitate out of solution
- In low or intermittent flow conditions, Corosex will overcorrect and create a highly basic pH
- Corosex (high reactivity) can be combined with Calcite (low reactivity) to prevent overcorrection of the pH
- In specified hardness conditions, up flow service is recommended

MAXIMUM REMOVAL CONCENTRATION

Iron	does not apply
Hydrogen Sulfide	does not apply
Manganese	does not apply

TECHNIQUES

Filtration	✓
Adsorption	
Ion-exchange	

APPLICATIONS

Sediment removal	✓
Iron removal	
Manganese removal	
Hydrogen sulfide removal	
Removal of organic material	
Removal of chlorine	
Color removal	
pH-correction	✓
Arsenic removal	
Radium removal	
Softening	