

WATCH[®] WATCH WATER

a Water Company

INNOVATIVE FILTER MEDIA FOR WATER & MUNICIPAL SERVICES

8 SPECIALIST MEDIA • FILTRATION • ADSORPTION • WATER CONDITIONING

01

MINERAL FILTRATION

ZEOSORB

Natural zeolite filtration media

- ✓ Captures suspended solids and turbidity
- ✓ Exchanges ammonium on mineral sites
- ✓ Porous structure supports filtration and adsorption

APPLICATIONS: Municipal filtration • Wastewater • Water reuse

02

FINE FILTRATION

CRYSTOLITE

Backwashable microfiltration media

- ✓ Retains fine suspended particles
- ✓ Reduces turbidity and silt density index (SDI)
- ✓ Protects downstream membranes from solids

APPLICATIONS: Waterworks • RO pretreatment • Effluent polishing

03

IRON - MANGANESE - H₂S

KATALOX LIGHT

MnO₂-coated catalytic mineral media

- ✓ Targets iron, manganese and hydrogen sulfide
- ✓ Combines catalytic treatment with filtration
- ✓ Supports arsenic capture by iron co-precipitation

APPLICATIONS: Municipal wells • Groundwater • Source-water treatment

04

CONTAMINATED-WATER REUSE

KATALOX PLUS

Specialist treatment and filtration media

- ✓ Targets suspended solids and organic pollutants
- ✓ Supports contaminated-water treatment for reuse
- ✓ Integrates into compact filtration systems

APPLICATIONS: Industrial wastewater • Produced water • Reuse

05

NATURAL MnO₂ MINERAL

MANGAOX-85

Granular manganese-dioxide mineral

- ✓ Active mineral occurs within the granules
- ✓ Designed for iron and manganese treatment
- ✓ Condition and backwash before service

APPLICATION FOCUS: Source-water iron and manganese treatment

06

IRON-HYDROXIDE ADSORPTION

FERROLOX

Granular ferric-hydroxide adsorber

- ✓ Binds arsenate and phosphate at active sites
- ✓ Targets selected metals, including copper
- ✓ Captures dissolved contaminants within the bed

APPLICATIONS: Drinking water • Phosphate polishing • Wastewater

07

TITANIUM-BASED ADSORPTION

TITANSORB

Titanium-dioxide-based adsorber

- ✓ Targets arsenic and selected heavy metals
- ✓ Adsorbs arsenic (III) and arsenic (V)
- ✓ Additional targets include lead and selenium

APPLICATIONS: Municipal supply • Groundwater • Industrial water

08

pH & MINERAL CONDITIONING

TRAPPSORB

Magnesium-based reactive media

- ✓ Neutralizes acidity and raises pH
- ✓ Adds magnesium and supports alkalinity
- ✓ Supports phosphate and selected-metal treatment

APPLICATIONS: Water stabilization • Remineralization • Wastewater

FOUR TREATMENT ROLES. ONE SPECIALIST PORTFOLIO.



FILTRATION

Capture suspended solids



CATALYTIC TREATMENT

Support contaminant conversion



ADSORPTION

Bind dissolved contaminants



CONDITIONING

Adjust pH and mineral balance

Media selection: water analysis • treatment target • contact time • hydraulic design
Product roles are complementary: treatment trains are selected for each water source.

PREMIUM MEDIA FOR WATER UTILITIES, OEMs & TREATMENT PROFESSIONALS

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