



Al Andalus BIMEX

for ENGINEERING INDUSTRIES

Valves – Fire hydrants – Anti Hammer systems – sewage & industrial wastewater treatment plant – water & sanitation networks



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Push-on joint ends
gate valve
Non rising stem
Ductile iron
DN50~300
AWWA C509

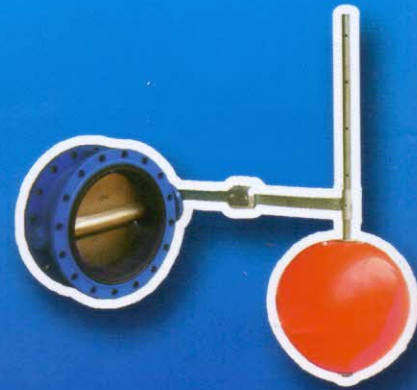


Flanged gate valve
Non rising stem
Ductile iron
DN50~600
AWWA C509



Flanged gate valve
Rising stem
Ductile iron
DN65~300
AWWA C509

Double gate
dry barrel
fire hydrant



Float Valve
Ductile iron
DN50~1200
PN10-16



Manhole cover
Ductile iron



Anti - Water Hammer Systems



Flanged gate valve
Non rising stem
Ductile iron
Soft sealing
DN50~600
PN10-16



Flanged gate valve
Rising stem
Ductile iron
Soft sealing
DN50~600
PN10-16



Socket gate valve
Ductile iron
Soft sealing
DN50~300
PN10-16



Flanged gate valve with
electric actuator
Ductile iron
Soft sealing
DN50~600
PN10-16



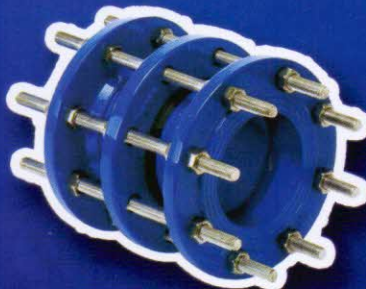
Flanged butterfly valve
with gear box
Ductile iron
Soft sealing
DN50~2200
PN10-16



Flanged butterfly valve
with pneumatic actuator
Ductile iron
Soft sealing
DN50~1200
PN10-16



Flanged check valve
Ductile iron
DN50~1200
PN10-16



Dismantling joint
Ductile iron
DN50~2500
PN10-16



Flanged air valve
Ductile iron
DN50~300
PN10-16

MBBR ACTIVECELL MEDIA

MBBR WASTEWATER TREATMENT

How Does It Work?

BIMEX ActiveCell process is a highly effective fixed film wastewater treatment process (MBBR/IFAS) that is designed for municipal and industrial wastewater treatment applications that need to consistently meet stringent BNR discharge requirements.

The ActiveCell process offers many advantages and can be applied to meet effluent discharge levels for:

- BOD / COD Reduction
- Nitrification
- Total Nitrogen Removal
- Phosphorus Removal

Where Have We Done It?

- Municipal
- Industrial
- Marine
- Food & Beverage
- Pulp & Paper



EFFLUENT
Water results
BOD <15mg/L
TSS <15mg/L

With BIMEX, you get more than just plastic:

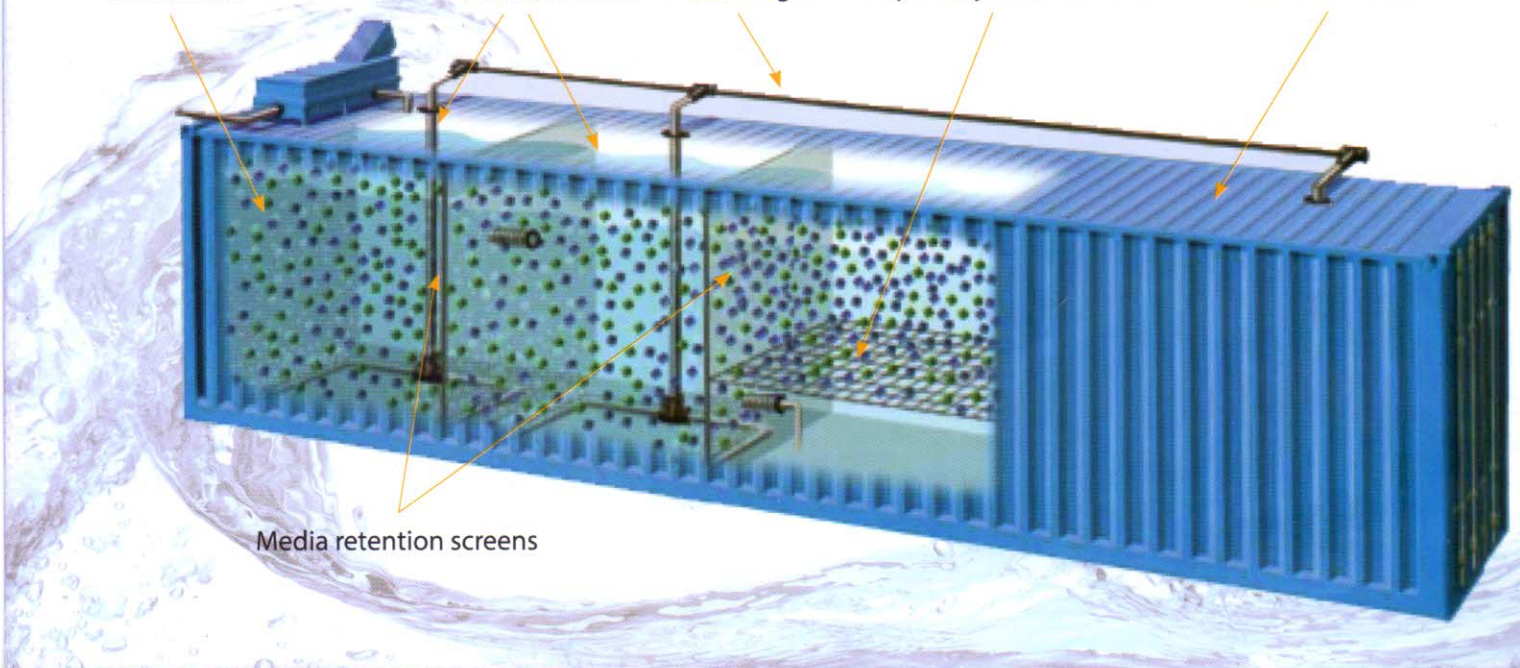
- 12+ Years of R&D
- Installations Operating Successfully Since 2006
- 20+ Years of Experience
- Customizable Solutions
- Superior Media Design

The MBBR Advantage

- Cost efficient
- Small footprint
- Fast deployment
- Scalable and simple operation
- Flexible and innovative technology
- Durable and stable
- Intensive nitrification
- Environmentally friendly

BIMEX Containerised Treatment Plant

Fine Screen Aerobics tanks Aeration grid Proprietary media clarifier Machine room



Media retention screens