

# OCTAFORM<sup>®</sup> WATER & BIOGAS CONTAINMENT

**1-Step PVC Formwork+Permanent Liner,  
Tank Rehabilitation & Re-Line Applications**

A proven PVC stay-in-place concrete forming system to extend service life and performance of water containment and digestion tanks – offering a durable, water-tight membrane that is highly resistant to corrosion and low-pH environments.

- Improved tank performance
- Reduced risk of cracks, corrosion, and spalling
- Highly resistant to acids, sulfates and chlorides
- Reduced construction cost & complexity
- Solutions for concrete tank rehabilitation



**BUILD IT TO LAST**



**IMPROVED FLEXURAL STRENGTH  
HIGHER SEISMIC RESILIENCE**



**NSF/ANSI STANDARD 61  
DRINKING WATER SYSTEM COMPONENTS**

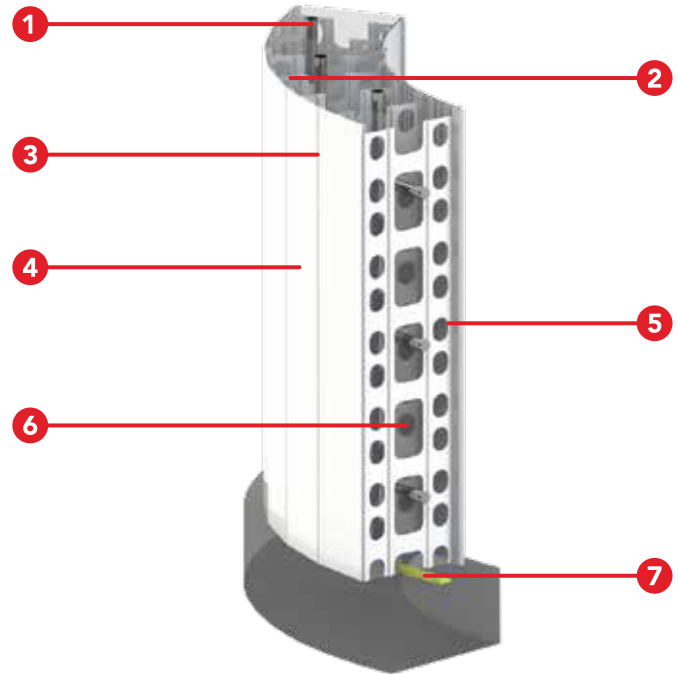


**EXTENDED CURING FOR  
INCREASED COMPRESSIVE STRENGTH**



**PERMANENT INTEGRAL LINER  
WATERTIGHT TO 68 PSI / 140' HEAD PRESSURE**

- 1 **REBAR** Uses standard rebar as specified by your engineer.
- 2 **OPTIONAL INSULATION** Thermal mass of concrete, airtightness, added EPS insulation provides excellent R-values.
- 3 **WATERTIGHT** SnapLockTight™ panels create a completely sealed wall surface that's watertight. No caulking is required where panels join.
- 4 **PVC PANEL** Outside panel protects the concrete and rebar from harsh chemicals and corrosive environments. Octaform PVC meets the strict sanitation standard set by the CFIA.
- 5 **WALL THICKNESS** Connectors are available for walls between 4" to 24" thick.
- 6 **CONCRETE** Compatible with standard concrete formulations. The system requires vibrating as specified and is poured in 4' lifts.
- 7 **WATERSTOP** The correct installation of the specified waterstop ensures the tank is watertight.



## EVERY TANK IS A BIG INVESTMENT. WHY RISK FAILURE?

Octaform stay-in-place PVC formwork+liner system means concrete tanks can be formed and protected in one step. Leaving a fluid-tight, corrosion-resistant PVC liner that requires no re-coating and will last the life of your tank. Because forms are left in-place, concrete cures longer, and improving initial hardness, and delaying concrete drying shrinkage by years. Octaform structures outperform standard concrete walls in flexural, compressive and seismic tests, offering added resilience to adverse events.

### IMPROVED SERVICE LIFE & PERFORMANCE:

- Extended concrete curing & seismic performance
- Lower maintenance time, downtime and cost
- Decades of reliability

### COST SAVINGS:

- Ships flat and lightweight, anywhere
- Reduced total cost versus traditional formwork concrete & lining
- Reduced project risk, skill, and complexity

### APPLICATIONS:

- Equalization Basins
- Primary Clarifiers
- Secondary Clarifiers
- Aeration Basins
- BNR Tanks
- Biosolids Holding Tanks
- Anaerobic Digesters
- Aerobic Digesters
- Potable Water Storage
- Water Towers







**AT YOUR SIDE ALWAYS**



### **OUR TEAM IS YOUR TEAM**

Not only is Octaform at-your-side, but our growing team also includes top-notch support that extends well beyond supplying your project. Octaform has structural engineering and technical design support, offers detailed confirmation drawings, and for larger projects, we match your team with our in-house support for estimating and project scheduling.

You will get detailed bill of quantities guidance with referenced time-studies as well as schedule optimization suggestions to reduce labor and schedule time.



**SHIPS FLAT, ASSEMBLED ON-SITE  
LESS STORAGE CONSTRAINTS**



**ACCOMODATES STEEL REINFORCEMENT  
& REPLACEMENT CONCRETE**



**PUSH-ON FEATURE ALLOWS FOR  
INSTALLATION IN CONFINED AREAS**



**EXTEND SERVICE LIFE & IMPROVE APPEARANCE  
PROTECT CONCRETE FROM CORROSION**

# OCTAFORM<sup>®</sup> WALLARMOR

**INNOVATING SINCE 1997**

## **Tank Rehabilitation & Re-Line Applications**

Octaform's WallArmor™ system extends the Octaform product line to include solutions for the repair of existing compromised concrete structures. Using a unique push-on connection method, the system can be tailored to meet a project's physical location restrictions. The stay-in-place PVC panels protect the new concrete and steel from all corrosive elements greatly enhancing the lifespan of the structure versus conventional methods.



**CALL US TO GET A QUOTE**

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