

Provarko

RENEWABLE ENERGY

CONVERTING WASTE STREAMS TO ENERGY

OCTAFORM[®] WATER & WASTEWATER



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

INNOVATING SINCE 1997 - BUILT TO LAST



**IMPROVED FLEXURAL STRENGTH UV
INHIBITORS PREVENT FADING**



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



**EXTENDED CURING FOR INCREASED
COMPRESSIVE STRENGTH**



**CONTAINS WATER TO BEYOND 68 PSI
(OVER 150 FEET OF HEAD)**

OCTAFORM[®] OCTATANK



Introducing Octaform's manure and liquid containment tank technology.

Our PVC stay-in-place concrete forming system is ideal for the construction of high-performance tanks. The hostile service environment associated with manure storage will test the limits of any tank technology.

Builders worldwide know that Octaform's built-in PVC finish offers the best possible defense for concrete and steel against this corrosive environment.



1 REBAR Uses standard rebar as specified by your engineer.

2 OPTIONAL INSULATION Thermal mass of concrete, airtightness, added EPS insulation provides excellent R-value.

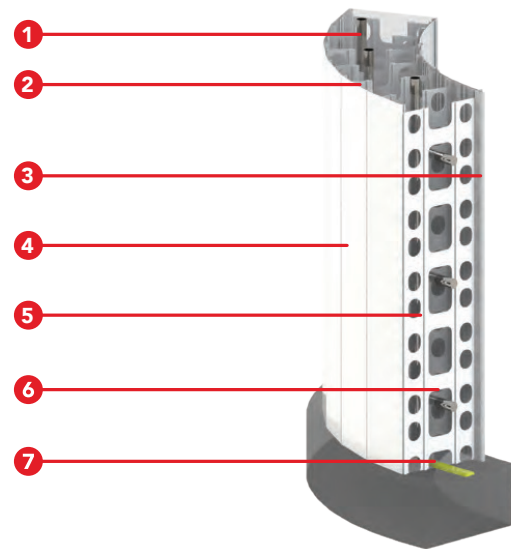
3 WATERTIGHT SnapLockTight™ panels create a completely sealed wall surface that's watertight. Interior panels protect the concrete and rebar from harsh chemicals and corrosive environments.

4 PVC PANEL Octaform PVC meets the strict sanitation standard set by the CFIA. No caulking is required where panels join.

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 tanks are proven to offer a seal that requires no re-coating and will last the life of your tank improving concrete hardness by as much as 40% due to prolonged curing.

These combined factors are demonstrated to reduce risk of cracking or failure of the tank even under seismic conditions.

IMPROVED SERVICE LIFE & PERFORMANCE:

- Extended concrete curing & seismic performance
- Lower maintenance time, downtime and cost
- Decades of reliability
- Improved seismic capacity for infrastructure and containment tanks

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 and Secondary Clarifiers
- Aeration Basins
- BNR Tanks
- Biosolids Holding Tanks
- Anaerobic and Aerobic Digesters
- Potable Water Storage
- Water Towers
- Areas of Seismic History

OCTAFORM[®] WALLARMOR



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.

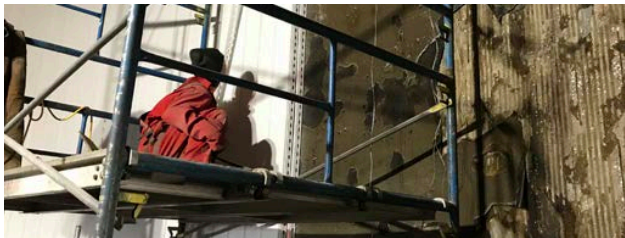
The stay-in-place PVC panels protect the new concrete and steel from all corrosive elements greatly enhancing the lifespan of the structure versus conventional methods.



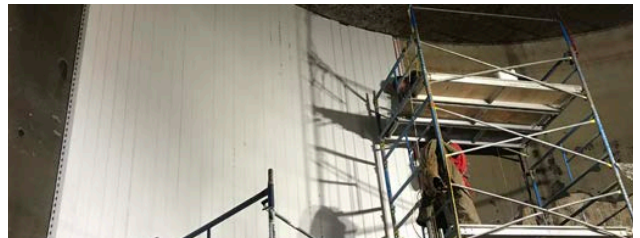
**SHIPS FLAT, ASSEMBLED ON-SITE
LESS STORAGE CONSTRAINTS**



**ACCOMMODATES STEEL REINFORCEMENT
& REPLACEMENT CONCRETE**



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



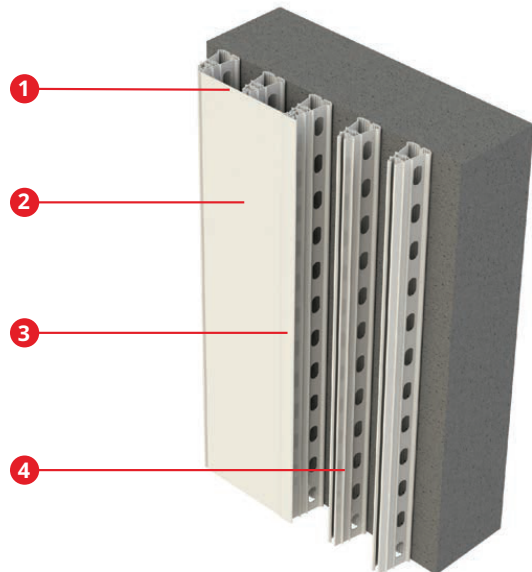
**EXTEND SERVICE LIFE & IMPROVE APPEARANCE
PROTECT CONCRETE FROM CORROSION**

1 CONCRETE New concrete gives added strength and extends the life of the existing structure for years to come.

2 PVC PANEL Our unique push-on panel protects the structure from corrosive elements. Octaform PVC resists the corrosive environment created by both acidic and alkaline.

3 SEALING STRIP The Octaform WallArmor™ system incorporates a co-extruded sealing strip that prevents liquid penetration.

4 STAND-OFF PIECE Patented connectors provide a precise 2" stand-off from the degraded concrete surface.



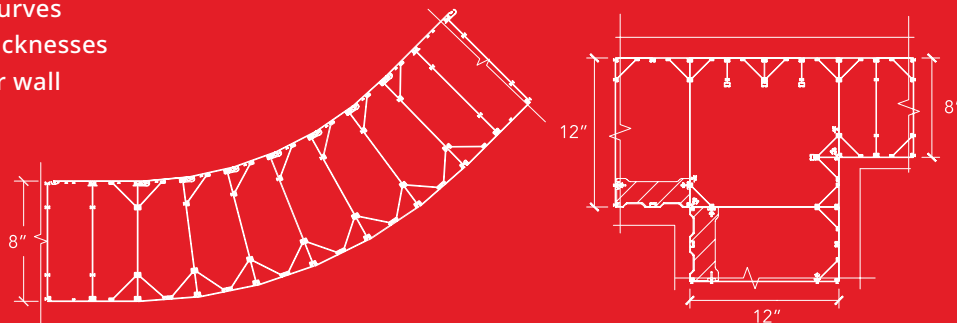
OCTAFORM®



INDUSTRY LEADERS IN INNOVATION AND DESIGN.

A COMPLETE SYSTEM FOR A WIDE VARIETY OF SHAPES, FORMS & APPLICATIONS.

- Build in straight lines or curves
- Combine different wall thicknesses
- Add insulation within your wall



OCTAFORM® COLUMNARMOR

RESTORATION & REPAIR

A new premium jacket system that protects marine piles and bridge columns from corrosion.



OCTAFORM® QUICKLINER

TIME FOR A REFRESH?

Protect and extend the life of your investment for years to come with durable, hygienic, food-grade PVC panels!



FOR DETAILS OF OUR NEXT ONE-HOUR WEBINAR VISIT WWW.PROVARKO.CO.NZ/CPD

All engineers and project managers will receive 1 hour Continuing Professional Development certificate.

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