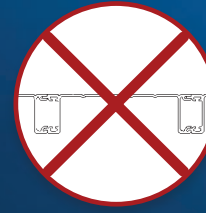
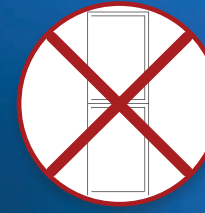


CST EXTRUDED FLAT COVERS VS. COMPETITOR

COMPETITOR DESIGN:



UNSUPPORTED
PLANKS



NON-INTEGRAL
SUPPORT BEAMS



NON-BULB
GASKET

STRUCTURAL FASTENERS

- ✓ CST utilizes gasketed stainless steel fasteners to provide extra security for water-tight connections and corrosion prevention.
- ✗ Competitors use plastic structural fasteners instead of stainless steel. Connections are not water-tight and not as reliable for the cover's most critical areas.

MODULAR PLANKS

- ✓ CST modular planks are a sub-member that accommodates a variety of panel widths and provide an integral slip-resistant walking surface, resulting in a safe structure with more basin access and stability for the operator.
- ✗ Competitors use planks as their main member resulting in the need for sub-structure under the basin hindering access when needed. Walking surface is not as stiff and design requires field fabrication increasing cost to the end user.

CST panels arrive on site 100% shop assembled and ready to install without the need for additional field assembly, saving time and money.

NEOPRENE BULB GASKET

- ✓ Neoprene provides excellent compatibility and resistance to H₂S, a typical wastewater by-product. CST's bulb design promotes a water-tight seal inside the interlock areas between every panel, and at every panel endcap.
- ✗ Competitor uses smaller gaskets than the CST design. Smaller gaskets reduce the opportunity of obtaining water-tight connections.

CROSSBEAM

- ✓ 2-way stiffening action provides direct support to the planks ensuring a more robust design and rigid walking surface.
- ✗ Competitors modular plank design results in more bracing supports that create interference to basin access.

INTEGRAL Z-BEAMS

- ✓ (2) Two Z-Beams built into each panel allows for longer clear-spans, larger clear openings to the basin area, and a safe, rigid walking surface.
- ✗ Competitors use smaller beams that require more redundancy, resulting in more access obstructions to the basin and restrictions in spannable distance.



CST

World Recognized Leaders 125+ Years' Experience

CST's aluminum flat covers are the most robust, rigid, structurally sound and competitively priced aluminum covers made for odor control in both the water and wastewater markets. CST offers the longest clear-spans in the industry due to CST's modular unitized beam and plank structure in combination with beam or truss supporting spans (well over 100 feet). CST's has a successful track record supplying over 19,000 covers in over 90 countries worldwide.

CST's aluminum flat covers provide odor emissions containment for primary and secondary clarifiers, sludge holding tanks, bio-towers, aeration basins, and several other storage basins found in water and wastewater treatment plants. CST aluminum flat covers are substantially air and water-tight, visually appealing, chemically resistant, energy saving, maintenance friendly, and easy to install. CST aluminum flat covers can be used to replace various cover types, fiberglass, checker-plate metal, and bent sheet metal covers. Whether the application requires extruded or formed panels, circular or rectangular basins, self-supported or structurally supported, odor control or weather protection, we have the right engineered solution to match each application. Get all this from one turnkey manufacturer – CST.

Who We Are:

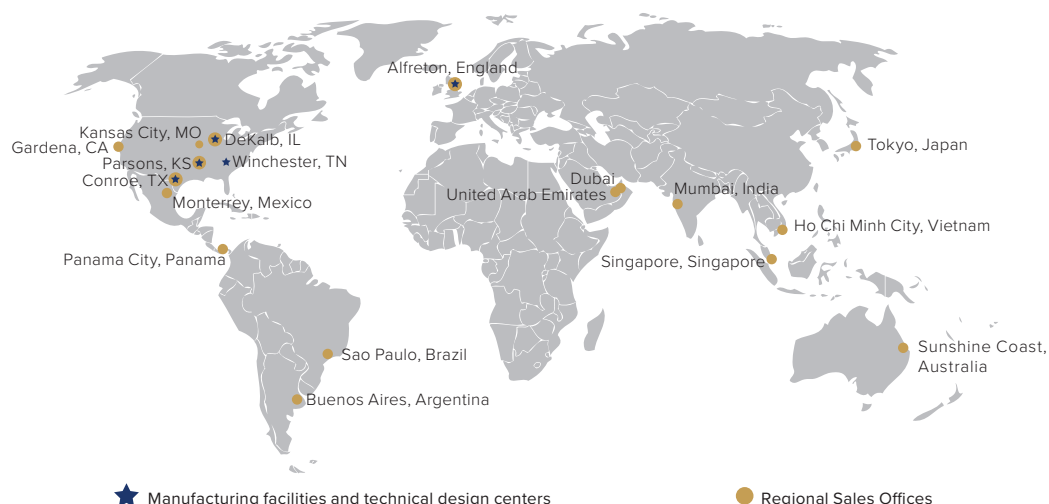
We are a solution provider for all your water and wastewater storage and cover needs. We design, fabricate, install and provide service long after the sale. Our qualified Service Technicians, inspect, maintain, repair and train. All CST products are USA manufactured in ISO 9001:2015 certified facilities while using LEAN manufacturing.



CST is committed to providing its customers with the highest engineered quality, best service, longest product life and greatest value for every storage and cover solution we supply.

For more information, call us at +1 844-44-TANKS or visit us online at cstindustries.com.

Worldwide Availability



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