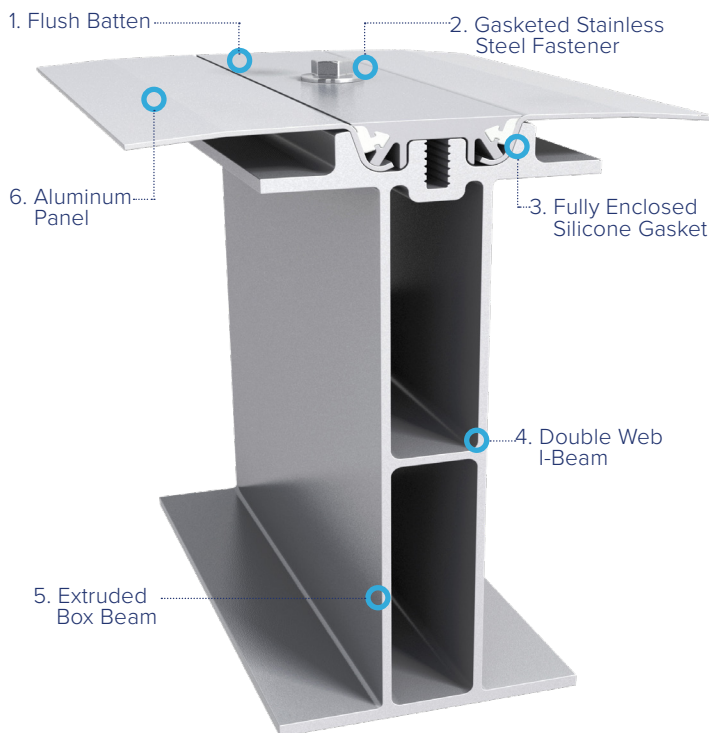




Water & Wastewater Aluminum Covers



The flush batten OptiDome® is a next generation geodesic dome from CST. Combining premium features and incorporating the engineering experience and heritage of Temcor and Conservatek®, OptiDome sets a new standard in engineered aluminum cover technology.

CST's advanced Optidome design complies with AWWA, Eurocode and the latest torsional buckling requirements adopted by the Aluminum Design Manual and International Building Code (IBC).

1. OptiDome's flush batten seal technology increases water shedding and eliminates ponding, even on a low profile design, while providing a water-tight cover solution.
2. Gasketed stainless steel fasteners provide extra security for a water-tight connection and corrosion prevention.
3. Featuring a fully enclosed silicone gasket design, the batten protects against ultra-violet exposure and seal degradation.
4. The Double Web I-Beam, combined with aluminum's excellent strength-to-weight ratio, provides reliable performance under the most stringent environmental conditions including heavy snow loads and high wind speeds.
5. The extruded box beam prevents buckling failure with less material and I-Beams.
6. Aluminum panels are lightweight and offer superior corrosion resistance, low lifetime maintenance, and fast & low-cost construction and are 100% recyclable.



Next Generation Aluminum Geodesic Dome & Reservoir Cover

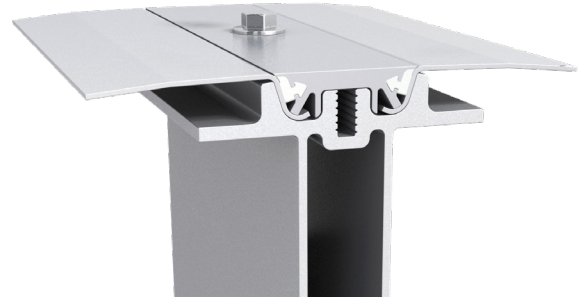


OptiDome®

Contact us today to get the most functional, long lasting dome solution from the world's leading dome manufacturer.

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Efficient in design.

Distinctive in appearance.

Unsurpassed in quality and value.

Every CST aluminum cover is custom designed to meet the specific requirements of each project and be engineered for any snow, wind, seismic, or suspended load capacity, as well as span-to-rise-ratio. With the ability to cover clear-spans of 900 feet or more, OptiDome offers a wide range of applications without unsightly beams, girders or columns.

At the core of OptiDome is its superior, batten seal technology. This system increases water shedding and eliminates ponding, even on a low profile design, while providing a water-tight cover solution. Featuring an enclosed gasket design, the batten protects against ultra-violet exposure and sealant degradation.

CST has combined proven dome design with modern engineering and materials to produce the flush batten aluminum geodesic dome design which offers significant economic advantages. In addition to the optimized design and superior seal technology, the OptiDome has a smooth, sleek appearance.

When you buy an OptiDome you purchase a product that is Made in America from a company that has over 130+ years experience.



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» DATA SHEET