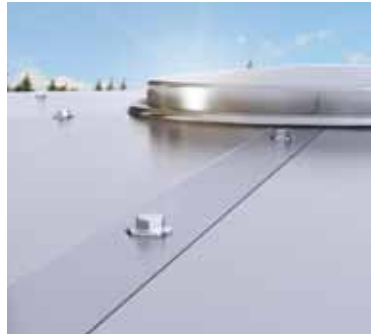
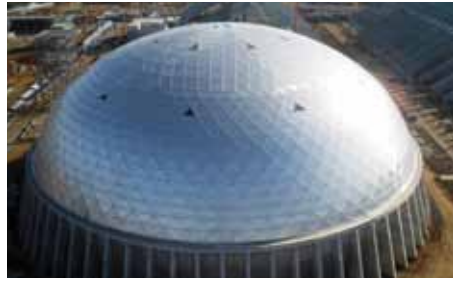


CST

COVERS

DRY BULK STORAGE SYSTEMS



PROTECTING YOUR RAW AND THE ENVIRONMENT FROM



CST
COVERS

MATERIAL FROM DEGRADATION AIRBORNE CONTAMINANTS

CST Covers is the worldwide leader in the design, manufacture and construction of custom aluminum covers and structures for bulk storage, architectural, environmental, municipal, petrochemical and other industrial applications. CST Covers was created by the merger of the proud traditions of Temcor and Conservatek, the two leading aluminum structure companies in the world.

Based in Conroe, TX, CST has supplied over 16,000 Covers in more than 90 countries.

CST Covers aluminum domes and vaults are the preferred cover solution for protecting large volumes of bulk materials.

- **Corrosion Resistance**—Aluminum oxidizes quickly to create a hard natural protective layer. It will last the lifetime of the structure and will not need to be re-painted for protection from the elements.
- **Low Lifetime Maintenance Cost**—Aluminum domes have little-to-no maintenance requirements over their lifecycle.
- **Use in Any Climate**—Aluminum maintains its strength through extreme climates. From the heat of the Middle Eastern desert, to typhoon winds of the Pacific, to snow loads in Antarctica, CST Covers domes are built to perform.
- **Smelted (Uniform) Metal**—Aluminum's structural properties are not altered in the manufacturing or installation process.
- **Clear-Span Capability**—Aluminum's lightweight characteristics allow for larger clear-spans than structures utilizing steel, concrete and other materials.
- **Design Flexibility**—Aluminum's excellent strength-to-weight ratio and creative component designs yield cost effective structural solutions for any application.
- **High Reflectivity/Low Emissivity**—Aluminum does not allow external conditions to influence the process or product inside, unlike steel. The result is more stable & constant interior conditions.



ADVANCED TECHNOLOGY FOR DRY BULK STORAGE SYSTEMS

ALUMINUM DOMES



CST Covers aluminum domes are uniquely custom designed for each application, taking into account the specific storage and operational requirements of equipment involved in the handling or processing of the stockpiled material.

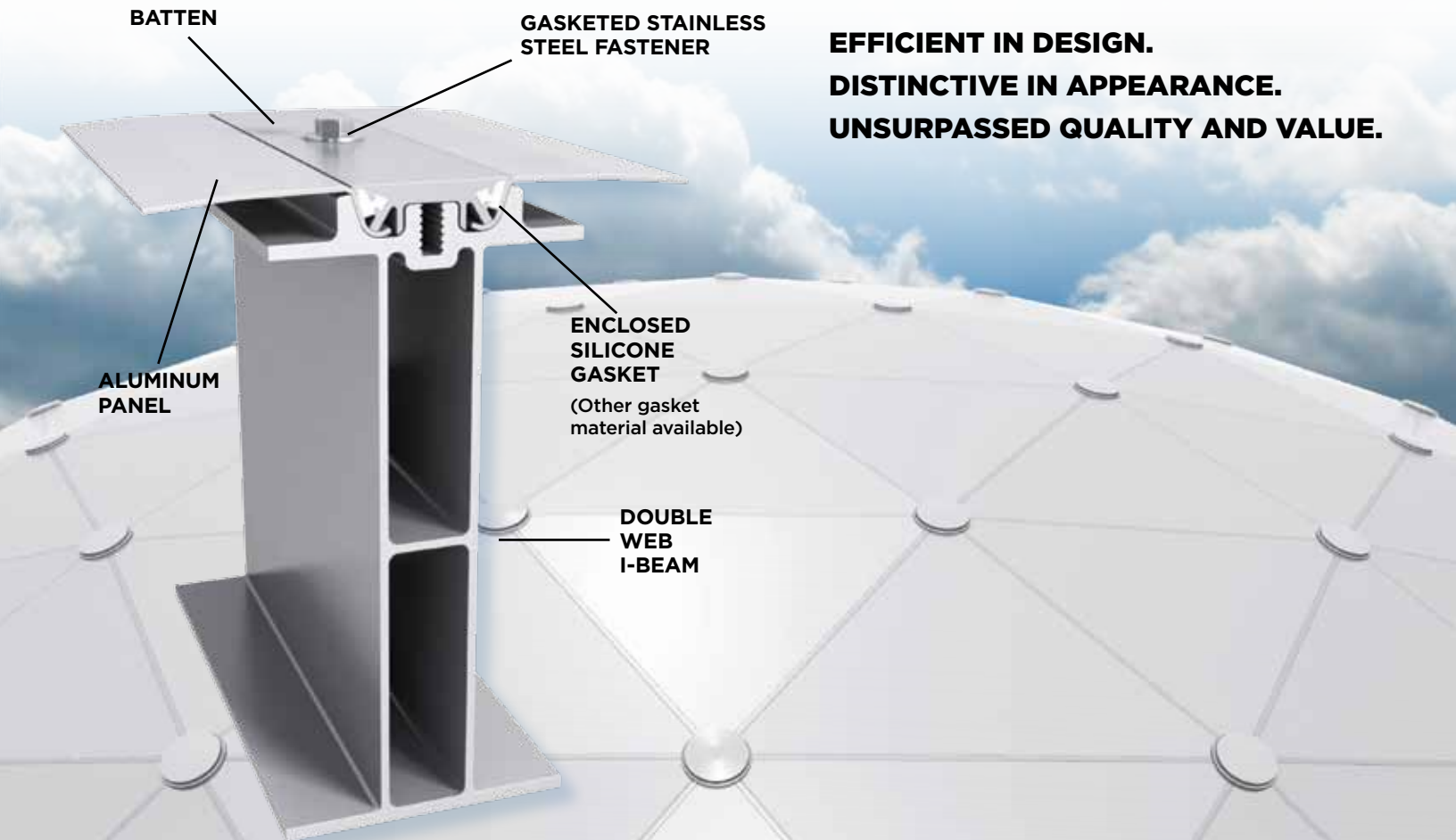
Structurally efficient and lightweight, clear-span aluminum domes maximize bulk storage capacity, minimize foundation costs and provide dependable protection from the elements while remaining maintenance-free.

- CST Covers strut and panel system mechanically locks the panels securely into place, incorporating a seal with a fully engaged gasket. This design is the key to being able to provide effective water and gas tight domes.
- CST Covers uses silicone for its batten seals. Silicone is an inert material not affected by ultra-violet light. We have nearly 50 years of proven use.
- The closure system features aircraft quality tolerances in the manufacturing process. The system ensures a long term reliable seal.
- Tighter tolerance manufacturing facilitates quick and trouble-free dome installations.





A **NEW** Innovative Cover Solution



**EFFICIENT IN DESIGN.
DISTINCTIVE IN APPEARANCE.
UNSURPASSED QUALITY AND VALUE.**

OptiDome™ is a next generation aluminum geodesic dome from CST Covers. A result of proven dome design experience, modern engineering, high strength aluminum alloys and state-of-the-art manufacturing processes. OptiDome is the most functional, longest lasting dome solution in the industry.

Optimized Structural Design • Optimized Batten Seal Technology • Optimized Aesthetics

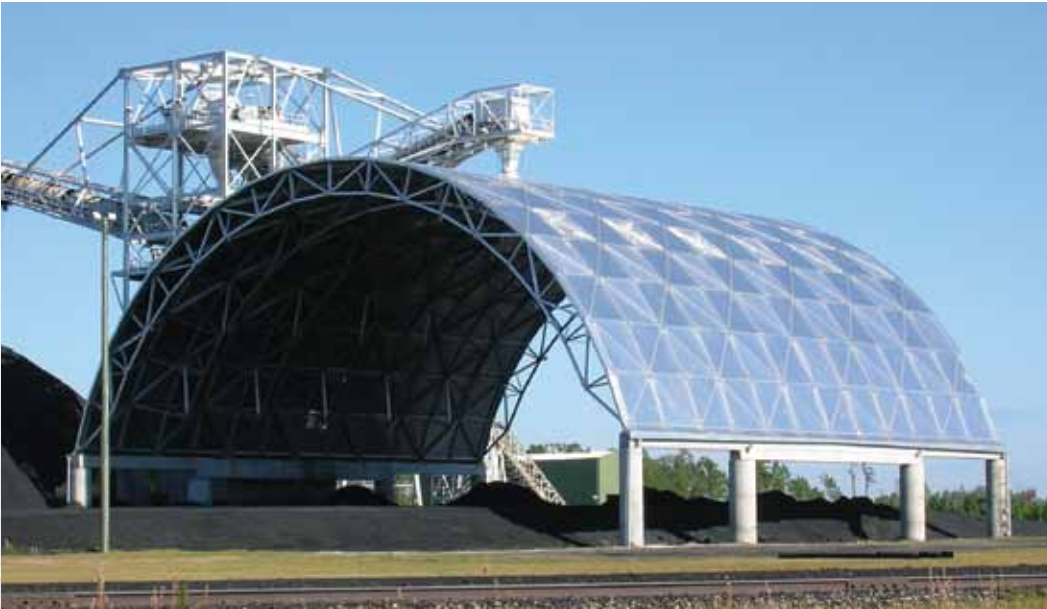
- Patent pending batten seal technology exposes no sealant, protects against ultra-violet exposure and sealant degradation
- Meets the latest design codes including Eurocode, Aluminum Design Association's 2010 Design Manual, IBC 2012 and more
- Increases water shedding and eliminates ponding
- Corrosion resistant
- Fast and low-cost construction

**FLUSH BATTEN AND PANELS—
HUB COVERS SIT NEATLY ON BOTH
SURFACES FOR EXCELLENT SEALING!**



VAULT COVERS

CST Covers can custom engineer and manufacture aluminum vault structures for a variety of different applications. Our experience designing and building custom aluminum structures give us the ideal background to provide the right cover solution for your need.



HIGH TOLERANCE MANUFACTURING AND DESIGN



The use of aluminum allows for unique structural sections (extrusions) to be designed to meet specific project needs. The performance characteristics of a design can be readily achieved for larger dry bulk projects.

CST is committed to safe and secure construction practices using simple tools, lightweight materials and certified personnel. With over 80 years of combined experience, CST has perfected its manufacturing practices by providing efficient and secure connections, lowering the chance for field errors and reducing construction time.



CST COVERS CLEAR-SPAN ALUMINUM DOMES APPLICATIONS FOR BULK STORAGE

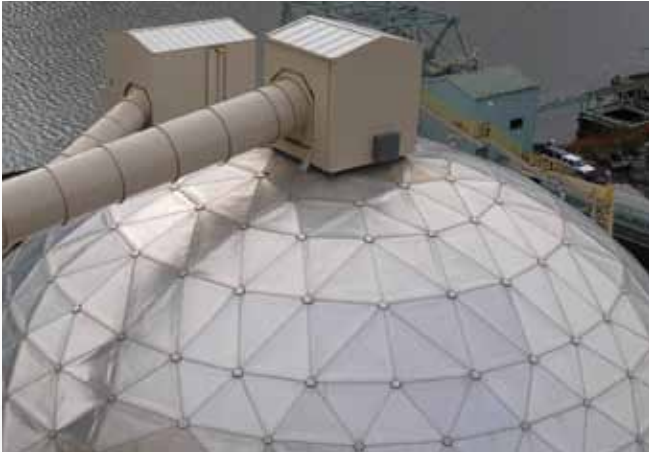
Holcim USA

Ste. Genevieve, Missouri, USA - 113.7m (373')



Reliant Energy

Springdale, Pennsylvania, USA - 49m (160')



Prairie State Energy Campus

Lively Grove, Illinois, USA - 67m (220')



Buzzi Unicem

Festus, Missouri, USA - 90m (295')



First Energy

Maidsville, West Virginia, USA - 64m (210')



Hyundai Steel

Dangjin, Korea - 4-120m (394') and 3-130m (426')





CST COVERS STANDS BEHIND ITS PRODUCTS

Safety <ul style="list-style-type: none"> • Only simple tools and lightweight materials are utilized • All construction can be achieved at ground level. • No welding 		
Capital Cost <ul style="list-style-type: none"> • Lighter foundations/less civil work (foundations up to 20% lighter than for similar steel structures) • Faster construction/lower labor costs • Single source responsibility 		
Construction <ul style="list-style-type: none"> • Constructed in half the time of steel domes and 33% faster than competing aluminum domes • Reduced labor requirements (up to 33% lower than for steel domes) • Precision manufacturing eliminates field errors - all parts are match-marked for accurate installation 		
Cost of Ownership <ul style="list-style-type: none"> • Corrosion resistant • Leak-tight • Superior lifetime value • Low maintenance • No painting or re-coating 		

CST Global Manufacturing and Offices



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 Regional Sales Offices

CST Covers Headquarters

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With multiple offices around the world, CST is poised to provide the best and most timely customer service regardless of the project location.

Go to www.cstcovers.com for information on sales service offices.