Keep Your Sands from Shifting and Your Salt From the Earth.

DOME CORPORATION OF NORTH AMERICA
There are a lot of sound reasons why you should store your highway sand and salt inside and protected from the elements. But now there’s a way to store and protect all your sand, salt and other road de-icing materials cost-effectively. Whether you’re a corporation, a small local municipality or a state Department of Transportation, Dome Corporation of North America can build a storage facility to completely cover your sand and salt.

We can custom design and build our patented storage domes to fit your budget constraints, your storage requirements and your space limitations.

Studies show that up to 20 percent of uncovered product can be lost to runoff, leaching, wind, rain and other natural influences! With a dome structure you can see substantial savings. You can do away with large clumps of salt, which are created from moisture getting into your salt pile. This results in numerous costly man-hours being saved due to jammed or broken spreader equipment or time spent breaking up large salt piles. When kept dry in our dome, your sand and salt are easy to use and easy on your equipment and budget.

Our domes take the high ground on protecting the environment. Because of this simple and intelligent design, you can store your salt and sand in the most economical, efficient, reliable, sturdy and environmentally sound structure to be found anywhere.

Why Our Dome Is Always Worth Its Salt.

Our Dome is the Shape of Things to Come.

Our domes are perfectly designed for bulk storage of road de-icing materials for one simple and logical reason – they mirror the natural shape of a mounded pile of sand or salt. This unique building idea is accomplished by using absolutely no supporting trusses, poles, posts or beams.

Yet even with no internal supports, our dome design provides the building with a much stronger roof than conventional flat- or peaked-roof structures. And the clearspan space created underneath the roof is capable of being used more efficiently than that of any other type of storage structure. Trucks and loaders can drive completely inside your dome to load and unload material easier, faster and safer than in conventional storage facilities. With no internal supports or roof trusses to obstruct vehicle movement, there’s less chance for equipment and operator error.

The dome design deflects high winds and sheds heavy snow making loading and unloading faster and easier.

For over 30 years, Dome Corporation’s domes have proven themselves to be the most cost-effective, quality-built, long-lasting structure for any and all of your bulk storage materials.
• No unused storage space or salt left over in corners.
• Unobstructed interior space allows for easier loading, moving and rotation of stored materials.
• Reduces your operating costs by making loading easier, faster and safer than in traditional storage facilities.
• An internal or external conveying system can be easily accommodated.

• Environmentally friendly – no leaching, contamination or runoff problems.
• Constructed of maintenance-free, long-lasting materials.
• Fast construction time.
• Concrete walls designed for product and end loader pressures.

Elongated Barrel Shaped Buildings for Large Scale Operations.

The difference between a dome and barrel style building is really very simple. The dome building is just that, a rounded dome. A barrel building is simply a dome that's cut in half and extended in 20-foot laminated arch modules for a completely unobstructed interior. Our barrel buildings can be constructed in all standard dome widths while the length is limitless. These buildings can also be custom-designed to fit a particular site or storage capacity.

Our buildings meet all of the structural integrity and maintenance-free requirements that our typical domes offer you. The barrel building also offers the expanded interior space required to meet your ever-increasing and seasonal, larger-scale salt and sand storage needs.

You'll Never See Us Cut Corners.

Panelized construction offers a roof that's far stronger than a conventional roof design. Because each dome is designed and pre-manufactured at our factory, the structure's maintenance-free, totally self-supporting wood panels can be made to exact specifications and shipped to your site for quick and immediate construction.

Pre-manufactured, stressed skin wood panels require no nails or fasteners that can corrode from exposure to outside elements, as in typical barns and sheds. The panels are then securely anchored to the reinforced concrete foundation ring. Once in place, your dome is roofed with standard 25-year warranty shingles.
- To keep your de-icing materials dry and well-ventilated, ventilation systems and other mechanical requirements are easily accommodated.

Concrete ring foundation walls can be built to any height. This type of foundation is designed to withstand material and end loader pressure. In most cases, the foundation ring requires no below grade excavation or footings.

- Provides a strong one foot thick double reinforced concrete wall, which withstands loader pressure.
- Site preparation typically requires only a level asphalt base pad; no prior excavation is needed.
- No costly product loss due to runoff.
- Concrete walls prevent damage to dome structure.

Self-sealing asphalt shingles cover the outer skin of your dome. This impervious covering provides a tough, waterproof and permanent skin.

- Economical with low maintenance and long life.
- Completely protects your material and dome structure.

Large entrance canopies permit heavy equipment to enter, load and unload easily and quickly. Any number of openings can be made to nearly any size and located anywhere around your dome.

Dome entrances have reinforced concrete wing walls that extend beyond the dome walls to prevent the elements from entering the building. These wing walls also help to protect the canopy trusses.

**How to Reach the Peak of Perfection in Sand and Salt Protection.**

We manufacture our bulk storage domes for clients all over the world. All domes are designed to meet or exceed all building codes throughout Canada and the United States. A dome can pay for itself often within four to six years.

For your sand and salt storage needs, have a dome or barrel building built to your specifications and your budgetary constraints. We have a lot of satisfied customers - towns, cities and DOTs around the country - that can direct you to a dome site near you. Our people can work with you to develop the specifications, drawings and budgets that are required for your dome project.

For more information, please call Dome Corporation today. When it comes to the most efficient, cost-effective way to protect your sand and salt, call us at (989) 777-2050.
There's no place like Dome.

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