

Resilience from the ground up

Protecting Foundations with Sustainable Void Systems

VoidForm manufactures products designed to protect concrete structures from damage caused by expansive, corrosive, and seismic soil conditions. Proven under 178+ million square feet, we help architects, engineers, and contractors protect the long-term and useful life of our homes and buildings.

The problem

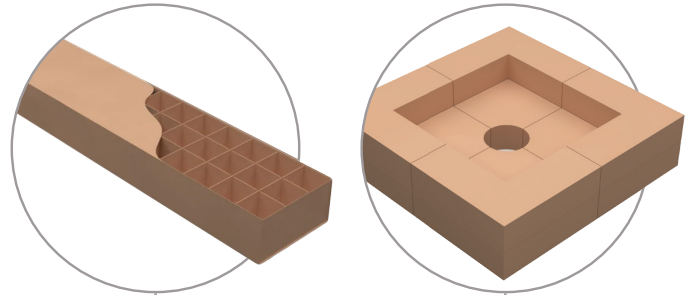
Expansive clay soils exert damaging pressures ranging from 5,000 to 30,000+ lbs per square foot, shifting dynamically with moisture levels. This causes approximately \$13 billion in annual damage in the U.S., exceeding the combined losses from earthquakes, floods, hurricanes, and tornadoes. Most of the central U.S. and Canada rest on these expansive soils, complicating construction efforts.

Expansive soils exert up to

30k+ lbs per square foot

Causing approximately

\$13B in annual damage in the U.S.



Long-Term Functionality is Possible

Void forms create a permanent void space between damaging soils and concrete structures. Sometimes referred to as sacrificial formwork or void boxes, void forms are installed below and around concrete slabs, beams, walls, and piers.

VOID FORMS ARE UNIQUELY QUALIFIED FOR SUSTAINABILITY INITIATIVES, DUE TO:

Foundation Protection:

Void forms shield the structure from foundation movement and failures by directing the pressure of soil expansion into a purpose-built void space.

Structural Longevity:

By alleviating the root causes of foundation degradation, void forms minimize long-term structural damage and failures throughout the building's useful life, ensuring operational resilience.

Minimal Site Disturbance:

Void forms offer a streamlined, eco-friendly solution that helps minimize site disturbance. They support the reduction of heavy trucking, extensive site clearing, and excess fuel consumption associated with traditional soil replacement.

The solution

The SureVoid® System is the simplest solution and the most specified option for expansive soil. Made from biodegradable, paper-based cartons, these void forms degrade over time, leaving a space between soil and concrete.

Environmentally Friendly:

As a paper-based, degradable product, SureVoid is cost-efficient and biodegradable, reducing environmental impact.

Minimizes Waste:

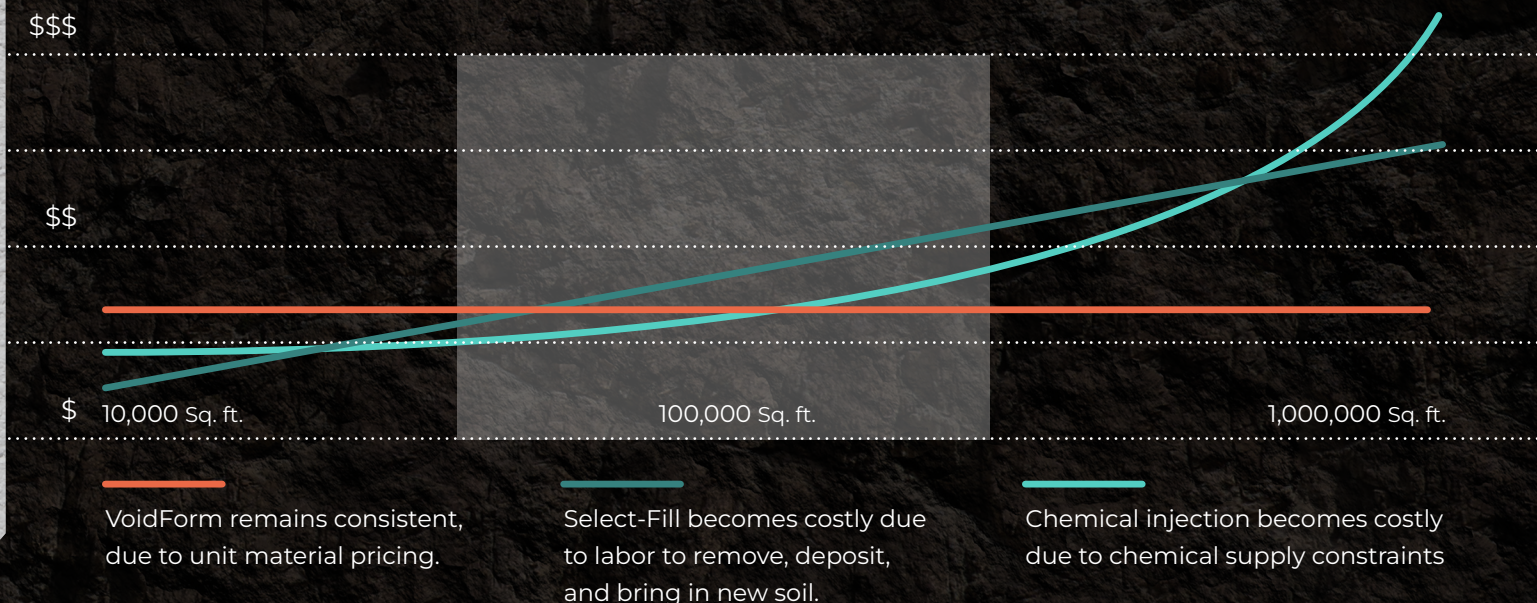
SureVoid systems are customized and manufactured per project. This precise manufacturing prevents overengineered layouts and removes the need for onsite cutting, preventing excess material waste.

Time Savings:

Lightweight and manageable, SureVoid eliminates field-cutting around drilled piers, increasing job site safety and saving valuable time.

Cost & Performance Dynamics on Projects

Unlike soil remediation and select-fill methods, where costs scale exponentially and subgrade performance remains variable, VoidForm provides predictable, linear pricing while significantly minimizing heave pressure on the slab.



Manufacturing Locations

United States

Headquarters

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National Sales

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National Sales

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Questions and Support • 888.704.VOID (8643) • voidform.com



Preserving the durability of homes
and buildings starts with the foundation.

LEARN MORE ABOUT BIODEGRADABLE VOID FORMS.