

SlabVoid™ Products

SureVoid Products, Inc. is the industry leader in corrugated paper products for concrete construction.

With more than 25 years of experience, SureVoid Products, Inc. has manufactured millions of square feet of products that have been used throughout the United States, Canada and Mexico.

Included among many major projects are:

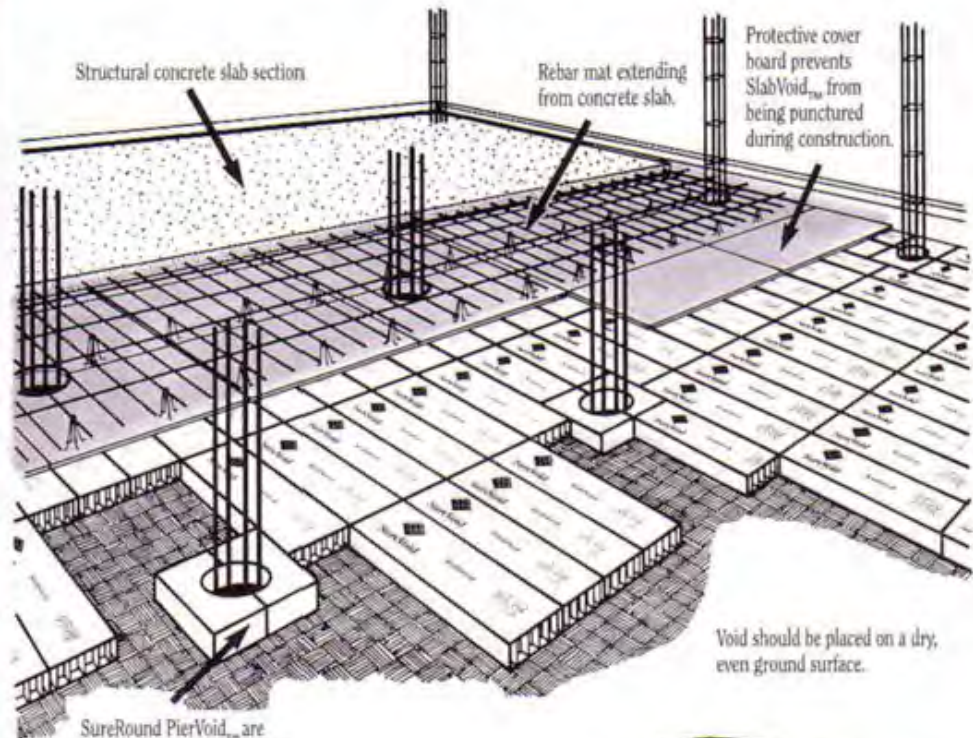
- Denver International Airport
- Ft. Carson Army Base
- Hyperion Water/Sewage Treatment Plant, City of Los Angeles
- Bridge Rehabilitation, Commonwealth of Massachusetts
- Medical Center and Parking Garage, University of Mississippi
- Texas A & M University educational facilities
- Colorado Maximum Security Prisons, Florence and Canon City, CO
- Anchorage Sports Facility, City of Anchorage, Alaska
- Coors Field, Denver, CO
- Federal Justice Center, Golden, CO



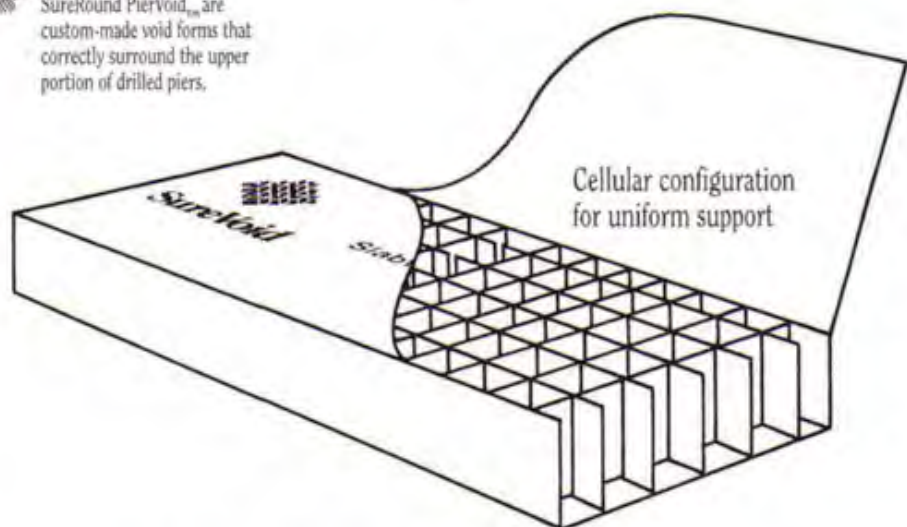
SureVoid
Products, Inc.

COLORADO • (800) 458-5444
TEXAS • (888) 803-VOID

SLABVOID™ IS A CORRUGATED PAPER PRODUCT THAT HELPS ELIMINATE SEVERE DAMAGE BY CREATING A SPACE BETWEEN THE STRUCTURAL CONCRETE SLAB AND UNDERLYING EXPANSIVE SOILS.



SureRound PierVoid™ are custom-made void forms that correctly surround the upper portion of drilled piers.



SlabVoid™ is designed to withstand the working load of the concrete construction process, then deteriorate in strength with the absorption of moisture.

SlabVoid™ Applications

Benefits of SlabVoid™

- Lightweight and easy to install.
- Available either factory assembled or knock-down (K.D.) for lower shipping and storage cost.
- Easily cut to shorter lengths for proper fit.
- Available in standard strengths and sizes, or can be custom manufactured to accommodate design and load specifications.
- Can be used to displace concrete volume where reduction in weight or cost is a consideration.
- Can be stacked to achieve greater void depths.

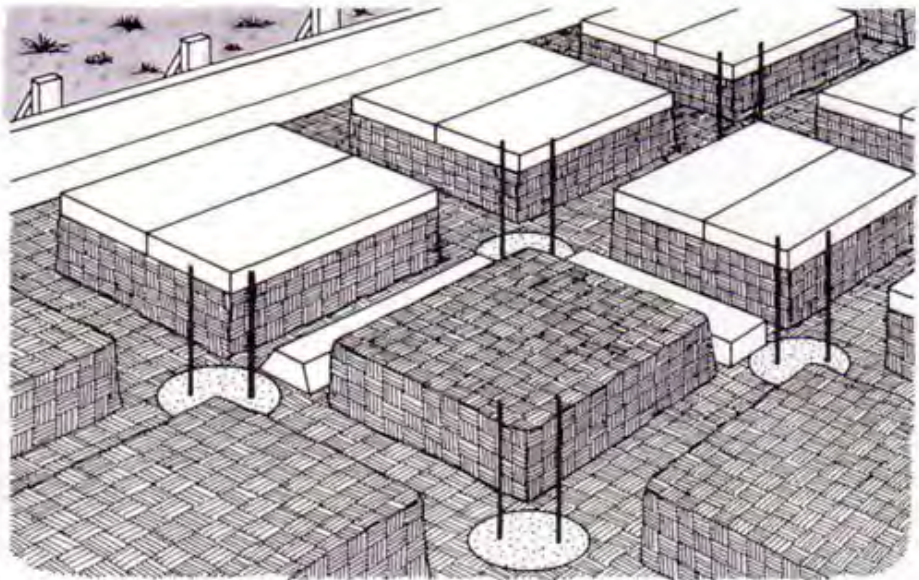


Illustration 1

Drilled pier and trenched beam construction showing SlabVoid on top of elevated dirt pads prior to the placement of a structural monolithic slab.

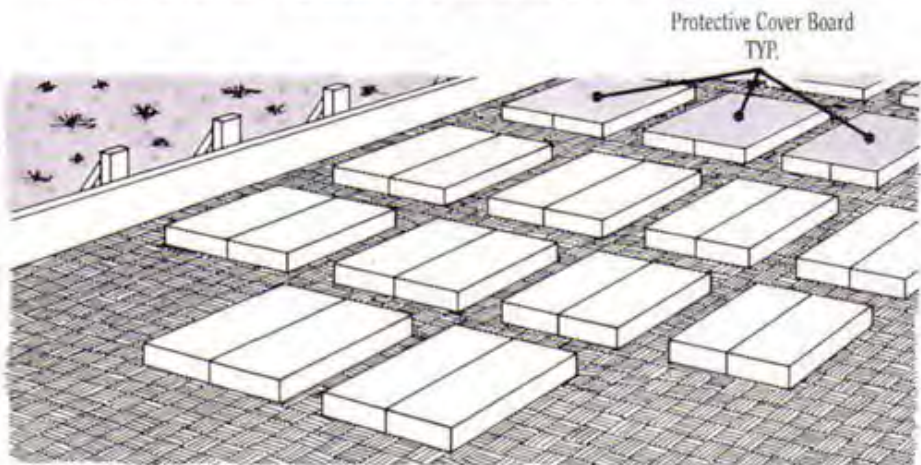
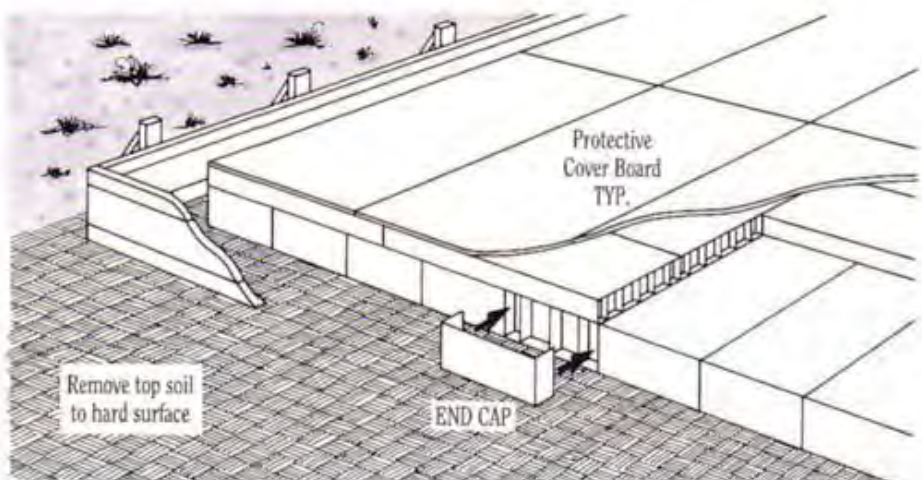


Illustration 2

SlabVoid placed directly on the ground to form a waffled slab construction.

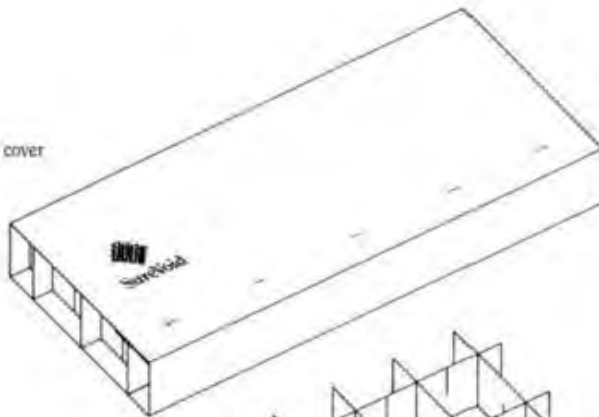
Illustration 3

Layered SlabVoid placed in opposite directions to achieve greater void depths in uses over 18". Open ends should be sealed with end caps to prevent concrete from flowing into the void.

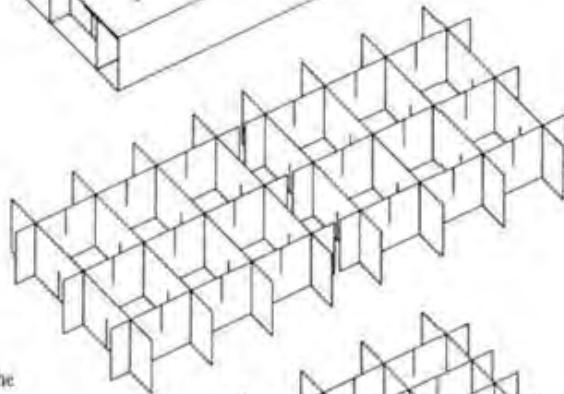


SlabVoid interior utilizes a cellular configuration designed to uniformly support various loads imposed throughout the concrete construction process.

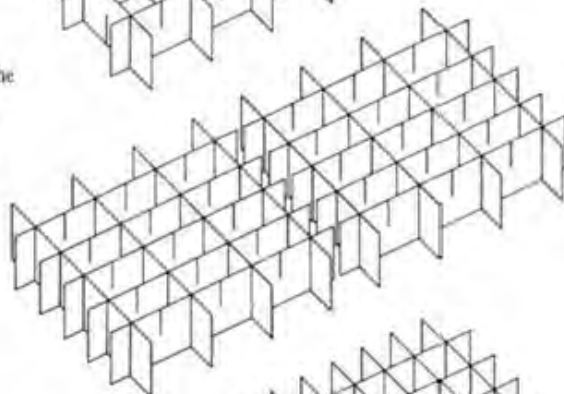
The standard exterior cover is waxed for water resistance.



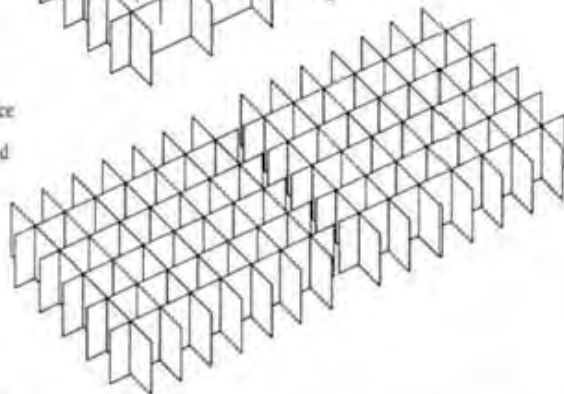
By utilizing papers of different capabilities and varying the frequency of the grid, SureVoid is able to offer designers and users forms with numerous options in strength and moisture response.



This allows the performance of the product to be matched to specific use and project conditions.



Our 25+ years of experience allow us to offer the recommendations, instructions and insights required for a successful installation.



SlabVoid is available pre-assembled or in easy to assemble knock-down (K.D.) form for shipping and storage savings. Standard length is 5'0" (nominal). Pieces are easily cut to fit as required. Available void depths range from 1 inch to 18 inches, and can be stacked to achieve greater depths.

A protective cover board of 1/8 inch to 1/4 inch hardboard or plywood should be placed on top of SlabVoid to prevent puncture and other damage during the construction process.

Related products used in conjunction with SlabVoid are:

SureRound PierVoid™: custom made void forms that totally surround the upper portion of concrete piers to create a proper void.

Column Wrap: used to surround and isolate standard telepost columns from concrete slabs.

Pipe Wrap: used to isolate all sizes of pipes protruding from concrete slabs.

Composition / Maintenance

SlabVoid products are manufactured from corrugated paper material having specifiable degrees of moisture resistance. They are designed to withstand imposed loads during construction, when used with a recommended protective cover board. Products should be kept dry at all times prior to concrete placement. MSDS information available upon request.

Differences in climate, use or site conditions may affect the selection of void strengths and moisture response. Please contact the manufacturer for recommendations.

SlabVoidTM Products

Availability

Our complete line of product systems is available through established distributors throughout North America. For the name of the nearest authorized dealer, or for international shipments, contact the manufacturer.

Cost

Due to the variety of applications and strengths required, product pricing is quoted for each individual project. Some standard product pricing is available from the manufacturer or from an authorized dealer.

Warranty

SureVoid Products, Inc. guarantees product performance when used as directed by the manufacturer. However, no warranty is expressed or implied on product performance due to variations in working conditions and individual installation procedures. There is no warranty on merchantability and there is no warranty on fitness for a particular purpose.

Technical Support

Detailed information, instructions for use or installation, and additional technical assistance with design or application can be obtained upon request.

Other Products

Custom SlabVoid_{cs} systems, SureRound PierVoid_{cs}, Commercial SureTops_{cs}, Commercial Ledge_{cs}, and many other products are available. See us also in CSI Spec-Data[®], or call for a product catalog.



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PRODUCT SPECIFICATION

SECTION 03100 - CONCRETE FORMWORK (SLABVOID[®])

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Corrugated paper void form materials to create a temporary support for the placement of structural concrete slabs over expansive soils.

1.2 SUBMITTALS

- A. Submit product data and manufacturer's installation instructions under provisions of Section 01300 for corrugated paper formwork and accessories.

PART 2 PRODUCTS

2.1 PREFABRICATED VOID FORMS

- A. Slab Void Forms:
 1. Function: used to create void space directly under structural concrete slabs.
 2. Composition: corrugated paper material with a moisture resistant exterior, and having an interior fabrication of a uniform, cellular configuration, composed of [Extra Fast] [Fast] [Moderate] [Slow] [Extra Slow] moisture response components.
 3. Depth: [() inches deep] [depth as indicated on drawings].
 4. Profile: rectangular shape in cross section.
 5. Strength: capable of sustaining an average working load [of () p.s.f.] [for slab thickness of () inches based on manufacturer's recommendations].
 6. Accessories:
 - a. Drilled Pier Forms – properly form and contain the upper portion of concrete piers.
 - b. Pier Void Forms – properly create void space adjacent to the upper portion of drilled piers at the intersection of the slab, under pier caps, or at a transition in pier diameter.
 - c. Pipe Wrap (corrugated paper or plastic) – surrounds and isolates all sizes of pipes protruding from the slab.
 - d. Protective Cover Board ([275-C fully wax impregnated paper] [1/8" hardboard] [1/4" hardboard] [() inch plywood]) – distributes working load, bridges small gaps, and protects void material from puncture and other damage during concrete placement.
 7. Acceptable Products / Manufacturer: SlabVoid[®], SureTops[™], SureRound PierVoid[®], Pipe Wrap[™], and SureCover Board[™] as manufactured by SureVoid Products, Inc., Englewood, CO (800) 458-5444 or Fort Worth, TX (888) 803-VOID

PART 3 EXECUTION

3.1 INSTALLATION

- A. Slab Void Forms:
 1. Store void forms and accessories in accordance with manufacturer's recommendations.
 2. Prepare ground surface on an even plane. There should be no capillary break below the void form unless otherwise directed by the designing engineer or architect.
 3. Assemble knockdown (K.D.) products as recommended by manufacturer to develop designed strengths.
 4. Install slab void forms and accessories in accordance with manufacturer's recommendations.
 5. Place a layer of protective cover board over void forms to distribute working load, bridge small gaps, and protect them from puncture and other damage during concrete placement.
 6. Protect void forms from moisture, and replace wet or damaged pieces before placing concrete.
 7. Immediately protect slab perimeter after forms have been stripped with an HDPE retainer. This will help deter moisture from escaping and keep backfill material from migrating into the voided area. The retainer should be installed per the manufacturer's recommendations.
 8. Maintain moisture and humidity levels beneath the slab after the concrete sets.