

# GENERAL VOID FORM SPECIFICATION

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Where brackets are indicated [ ], a choice needs to be made by design engineer. Remove options not needed for a particular project.  
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## PART 2 - PRODUCTS

### 2.01 VOID FORM MATERIALS AND ACCESSORIES

- A. Void Form System: This section includes corrugated paper void form materials and accessories to properly create a temporary support for the placement of structural concrete over expansive soils. The void form composition must be of corrugated paper material with a moisture resistant exterior, and having an interior fabrication of a uniform, cellular configuration, composed of components with a moisture response of

**[Extra Fast – Non-wax impregnated, plain kraft paper and a water-soluble adhesive]**  
**[Fast – Non-wax impregnated, plain kraft paper and a moisture-resistant adhesive]**  
**[Moderate – Plain kraft paper with a wax impregnated medium, but non-wax impregnated liners and a moisture-resistant adhesive]**  
**[Slow – Plain kraft paper with wax impregnated medium / liners and a moisture-resistant adhesive]**  
**[Extra Slow – Wet-strength paper with wax impregnated medium / liners and a moisture-resistant adhesive]**

All products must be capable of sustaining the vertical and/or lateral loads applied until they become self-supporting, while maintaining full void depths as indicated on drawings. The void form strength must be capable of sustaining an average working load

**[of (\_\_\_\_\_) p.s.f.]**  
**[for concrete heights as indicated on drawings based on manufacturer's recommendations.]**

The upper portion of each drilled pier must be properly formed and contained to the designated diameter, and must be correctly voided at the intersection with grade beams or structural slabs by using a pre-manufactured, non-field cut, sealed void form with curved, radial, vertical edge adjacent to pier. Where supports for reinforcing steel are placed directly on void forms, protective cover sheets of

**[275-C fully wax impregnated paper]**  
**[1/8" hardboard]**  
**[1/4" hardboard]**  
**[(\_\_\_\_\_) inch plywood]**

must be placed over void forms to distribute working load, bridge small gaps, and protect void material from puncture and other damage during concrete placement. Void forms that are exposed after concrete formwork is removed must be shielded with a HDPE backfill retainer to prevent the migration of backfill material into the voided area. Acceptable products / manufacturer: SureTops™, WallVoid®, SlabVoid®, ArcVoid®, SureRound PierVoid®, SureCover Board™, and SureRetainer™ by Motzblock® as manufactured by SureVoid Products, Inc., Englewood, CO (800) 458-5444 or Fort Worth, TX (888) 803-VOID

## PART 3 - EXECUTION

### 3.01 FORMWORK

A. Void Form System Placement: Store void forms and accessories in accordance with manufacturer's recommendations. 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. Assemble knockdown (K.D.) products as recommended by manufacturer to develop designed strengths. Install void forms and accessories in accordance with manufacturer's recommendations. Use end caps to seal exposed ends. Use seam pads to cover joints to prevent concrete intrusion. Place a layer of protective cover board over void forms as necessary to distribute working load, bridge small gaps, and protect them from puncture and other damage during concrete placement. Protect void forms from moisture, and replace wet or damaged pieces before placing concrete. Immediately protect exposed void forms after concrete formwork has been stripped with an HDPE retainer to keep backfill material from migrating into the voided area. The retainer should be installed per the manufacturer's recommendations. Maintain moisture and humidity levels beneath concrete structure.

END OF SECTION