

WallVoid® Technical Notes

WallVoid® contains various corrugated papers of different strengths and flutes, bonded together with white, water-based adhesive or held in place with staples. Its structural strength is designed to weaken by the gradual absorption of moisture as the concrete sets. Thus, an adequate void is attained which will allow the ground to heave without causing structural damage to the concrete wall or grade beam. The WallVoid interior is composed of a biodegradable, cellular network and is surrounded by a wax-coated exterior cover.

TYPES AVAILABLE

- ◆ WallVoid® – for use in conventional forming, it is manufactured with a panel flange on which the concrete form rests, ensuring proper positioning during the concrete pour, and preventing the void piece from floating up into the wall.

ADVANTAGES

1. Lightweight
2. Easy to install
3. Waxed exterior for initial water resistance.
4. Can be sent either assembled or knockdown (K.D.)

DIMENSIONS APPLICABLE TO PROJECT

HEIGHT – approximately 6"
WIDTH – from approximately 10" to 30"
LENGTH – approximately 60"

TECHNICAL DATA

COVER –

- a) 200-275# test, B or C-flute corrugated paper
- b) waxed / printed exterior
- c) scored interior

LINER – (optional) 150# test, B or C-flute corrugated paper

INTERIOR - 200-275# test, B or C or DW corrugated paper

STRENGTH – Working load as recommended for wall heights of up to eight feet (8').

RECOMMENDATIONS

1. Keep WallVoid dry at all times prior to concrete placement.
2. Prepare grade to an even, smooth surface.
3. Install ArcVoid® sets or SureRound PierVoid® at piers where required.
4. Place WallVoid pieces end to end in wall line.
5. Crosscut pieces with handsaw to fit into non-modular areas.
6. Insert End Caps on open pieces that will be exposed to concrete.
7. Tape joints or use seam pads to prevent immediate water or concrete silt penetration.
8. Install steel.
9. If void piece has a panel flange, place inside form on top of it. This will prevent the piece from floating up into the wall during the pour.
10. Place concrete.