VoidForm
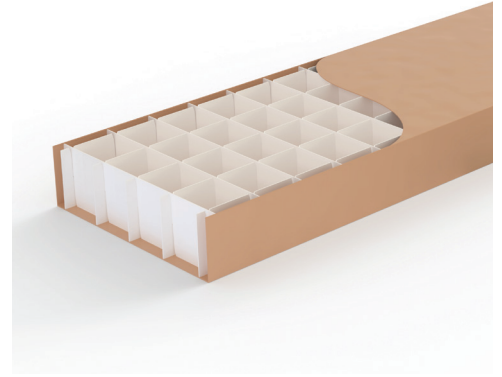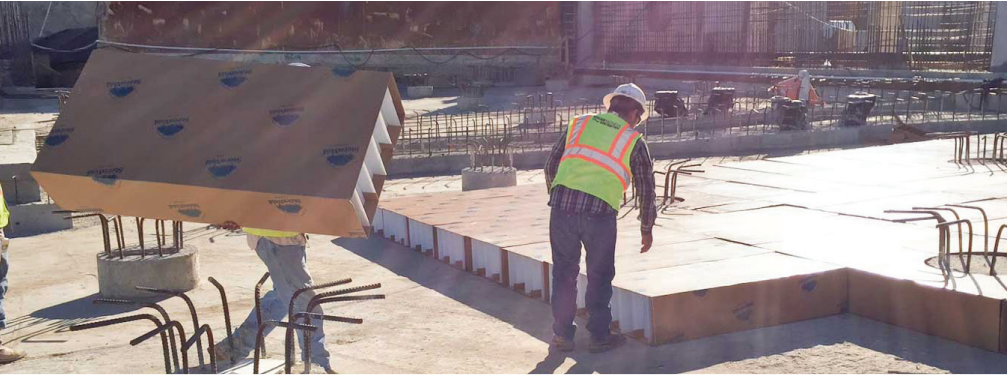## StormVoid (Slab)

StormVoid® (Slab) creates a void space under structural slabs, allowing soil to expand without causing damage.

DESCRIPTION

StormVoid (Slab) temporarily supports freshly poured concrete while creating a permanent void space underneath, allowing soil to expand without causing damage to the structure above.

The StormVoid product line is ideal for use in wet soil conditions or inclement weather.

The interior is comprised of waterproof, fluted copolymer polypropylene (PPC) components designed to flex as additional loads from heaving soils are imposed. The exterior cover is made from moisture-resistant corrugated paper and will degrade through the gradual absorption of moisture, allowing expansive soil to migrate into the cellular network.

The StormVoid (Slab) forms are pre-manufactured for optimal product performance, however they may be cut to fit non-modular areas, if required.

INSTALLATION

1. Keep StormVoid dry prior to concrete placement.
2. Prepare grade to an even, smooth surface.
3. Ensure interior cells remain in their proper orientation to maintain structural integrity.
4. Install StormVoid (Pier) at piers where required.
5. Place StormVoid (Slab) pieces starting at the perimeter of the slab area.
6. Crosscut pieces with razor knife or handsaw to fit into non-modular areas.
7. Place StormCover Sheet™ over entire top surface to span small gaps and to protect the void forms against punctures and pinpoint loads.
8. Insert End Caps on open pieces that will be exposed to concrete.
9. Install steel and place concrete.

DIMENSIONS

Height: 4" to 12"

Width: 6" to 30"

Length: 60"

MATERIAL

Cover: Moisture resistant exterior paper sheet, overlapped or tucked and secured with staples

Interior: Waterproof, copolymer polypropylene (PPC)

STRENGTH

To be placed under structural slabs, typically 6" to 60" thick
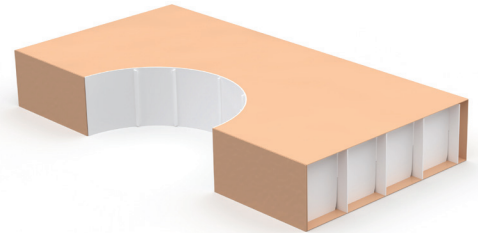
CUSTOM SIZES AND STRENGTHS AVAILABLE

StormVoid® (Pier) creates a void space around the upper portion of the drilled piers, allowing soil to expand without causing damage.

DESCRIPTION

StormVoid (Pier) temporarily supports freshly poured concrete while creating a permanent void space underneath, allowing soil to expand without causing damage to the structure above.

The StormVoid product line is ideal for use in wet soil conditions during inclement weather.

The interior is comprised of waterproof, fluted copolymer polypropylene (PPC) components designed to flex as additional loads from heaving soils are imposed. The exterior cover is made from moisture-resistant corrugated paper and will degrade through the gradual absorption of moisture, allowing expansive soil to migrate into the cellular network.

The StormVoid (Pier) forms are pre-manufactured and sealed to conform to pier diameters, without requiring on-site cutting. The hole can be positioned on center or offset depending upon the application.

INSTALLATION

1. Keep StormVoid dry prior to concrete placement to ensure structural integrity is maintained and interior cells remain vertical.
2. Prepare grade to an even, smooth surface.
3. Install StormVoid (Pier) pieces around piers.
4. Place StormVoid (Slab) pieces starting at the perimeter of the slab area.
5. Place StormCover™ Sheet over entire surface to span small gaps and to protect the void forms against punctures.
6. Insert End Caps on open pieces that will be exposed to concrete.
7. Install steel and place concrete.

DIMENSIONS

Height: 4" to 12"

Width: 24" to 72"

Length: 24" to 72"

MATERIAL

Cover: Moisture resistant exterior paper sheet, overlapped or tucked and secured with staples

Interior: Waterproof, fluted copolymer polypropylene (PPC)

End Caps: Waterproof, radial-sealed copolymer polypropylene (PPC)

STRENGTH

To be placed under structural slabs, typically 6" to 60" thick or pilasters up to 10' tall

CUSTOM SIZES AND STRENGTHS AVAILABLE

StormVoid® (Beam) creates a void space under grade beams or walls allowing soil to expand without causing damage.

VoidForm
StormVoid® (Beam)

Earth-Formed

Panel-Formed

DESCRIPTION

StormVoid (Beam) temporarily supports freshly poured concrete while creating a permanent void space underneath, allowing soil to expand without causing damage to the structure above. It can be used in both trenched grade beam and formed wall applications.

The StormVoid product line is ideal for use in wet soil conditions during inclement weather.

The interior is comprised of waterproof, fluted copolymer polypropylene (PPC) components designed to flex as additional loads from heaving soils are imposed. The exterior cover is made from moisture-resistant corrugated paper and will degrade through the gradual absorption of moisture, allowing expansive soil to migrate into the cellular network.

The StormVoid (Beam) forms are pre-manufactured and may be cut on site, if required. The end caps are stapled to prevent fresh concrete from flowing into its interior.
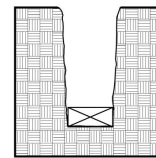
INSTALLATION

1. Keep StormVoid dry prior to concrete placement to ensure structural integrity is maintained and interior cells remain vertical.
2. Prepare grade to an even, smooth surface.
3. Install StormVoid (Pier) at piers where required.
4. Place StormVoid (Beam) pieces end to end in wall line.
5. Crosscut pieces with a razor knife or handsaw to fit into non-modular areas.
6. Insert End Caps on open pieces that will be exposed to concrete.
7. Place StormCover™ Sheet over entire top surface to span small gaps and to protect the void forms against punctures and pinpoint loads.
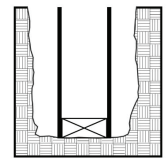8. Install steel and place concrete.

DIMENSIONS

Height: 4" to 12"

Width: 6" to 30" (can be positioned side-by-side for beams wider than 30")

Length: 60"

MATERIAL

Cover: Moisture resistant exterior paper sheet, overlapped or tucked and secured with staples

Interior: Waterproof, fluted copolymer polypropylene (PPC)

End Caps: Waterproof, fluted copolymer polypropylene (PPC)

STRENGTH

To be placed under vertical walls and beams, typically 2' to 10' tall

CUSTOM SIZES AND STRENGTHS AVAILABLE

StormVoid® (DropPanel) creates a void space around the upper portion of the drilled piers, allowing soil to expand without causing damage.

VoidForm

StormVoid® (DropPanel)

DROPPANEL TPR™

DROPPANEL VRT™

DESCRIPTION

StormVoid (DropPanel) void forms temporarily supports freshly poured concrete and creates a void space around the upper portion of drilled piers supporting thickened slabs, allowing soil to expand without causing damage to the structure above.

The StormVoid product line is ideal for use in wet soil conditions during inclement weather.

The interior is comprised of waterproof, fluted copolymer polypropylene (PPC) components designed to flex as additional loads from heaving soils are imposed. The exterior cover is made from moisture-resistant corrugated paper and will degrade through the gradual absorption of moisture, allowing expansive soil to migrate into the cellular network.

The StormVoid (DropPanel) products are pre-manufactured and sealed to conform to pier diameters, without requiring on-site cutting. The hole can be positioned on center or offset depending upon the application.
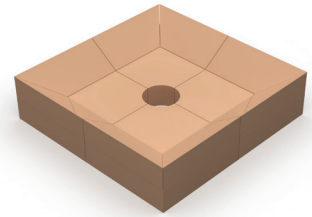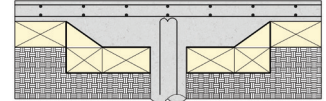
INSTALLATION

1. Keep StormVoid dry prior to concrete placement to ensure structural integrity is maintained and interior cells remain vertical.
2. Prepare grade to an even, smooth surface.
3. Place StormVoid (DropPanel) pieces around piers.
4. Install StormVoid (Slab) pieces starting at the perimeter of the slab area.
5. Place StormCover™ Sheet over entire surface to span small gaps and to protect the void forms against punctures.
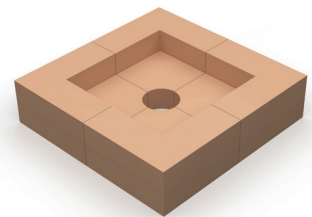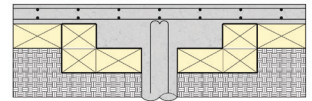6. Install steel and place concrete.

DIMENSIONS
Height: 8" to 24" (with curb)
Width: 24" to 72"
Length: 24" to 72"

MATERIAL
Cover: Corrugated paper with a moisture-resistant outer surface

Interior: Waterproof, fluted copolymer polypropylene (PPC)

STRENGTH
Working load as recommended for concrete thickness, typically 10" to 64"

CUSTOM SIZES AND STRENGTHS AVAILABLE