

# **VF Knock-Down BeamVoid® Technical Notes**

VF Knock-Down BeamVoid® contains corrugated papers of varying strengths, held in place by its unique, slotted design. 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 BeamVoid interior is composed of a biodegradable, cellular network and is surrounded by a wax-coated exterior cover.

## **ADVANTAGES**

1. Lightweight
2. Easy to install
3. Waxed exterior for initial water resistance
4. Shipped knockdown (K.D.) for savings in freight costs

## **AVAILABLE DIMENSIONS**

HEIGHT – approximately 4” or 6”  
WIDTH – approximately 8”, 10”, or 12”  
LENGTH – approximately 48”

## **TECHNICAL DATA**

COVER –

- a) 32 ECT, C-flute corrugated paper
- b) Waxed / printed exterior
- c) Scored interior

INTERIOR –

- a) 32 ECT to 40 ECT, C-flute corrugated paper
- b) Scored interior

STRENGTH –Working load as recommended for wall height of up to three feet (3')

## **RECOMMENDATIONS**

1. Keep BeamVoid dry at all times prior to concrete placement.
2. Prepare grade to an even, smooth surface.
3. Install BeamVoid pieces next to drilled piers, piles, or other supporting elements.
4. Cover remaining area by placing pieces end-to-end down the 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. Place hardboard over entire surface to bridge small gaps (2” or less) and to protect against puncture from rebar chaps, work boots, etc.
8. Install steel and place concrete.