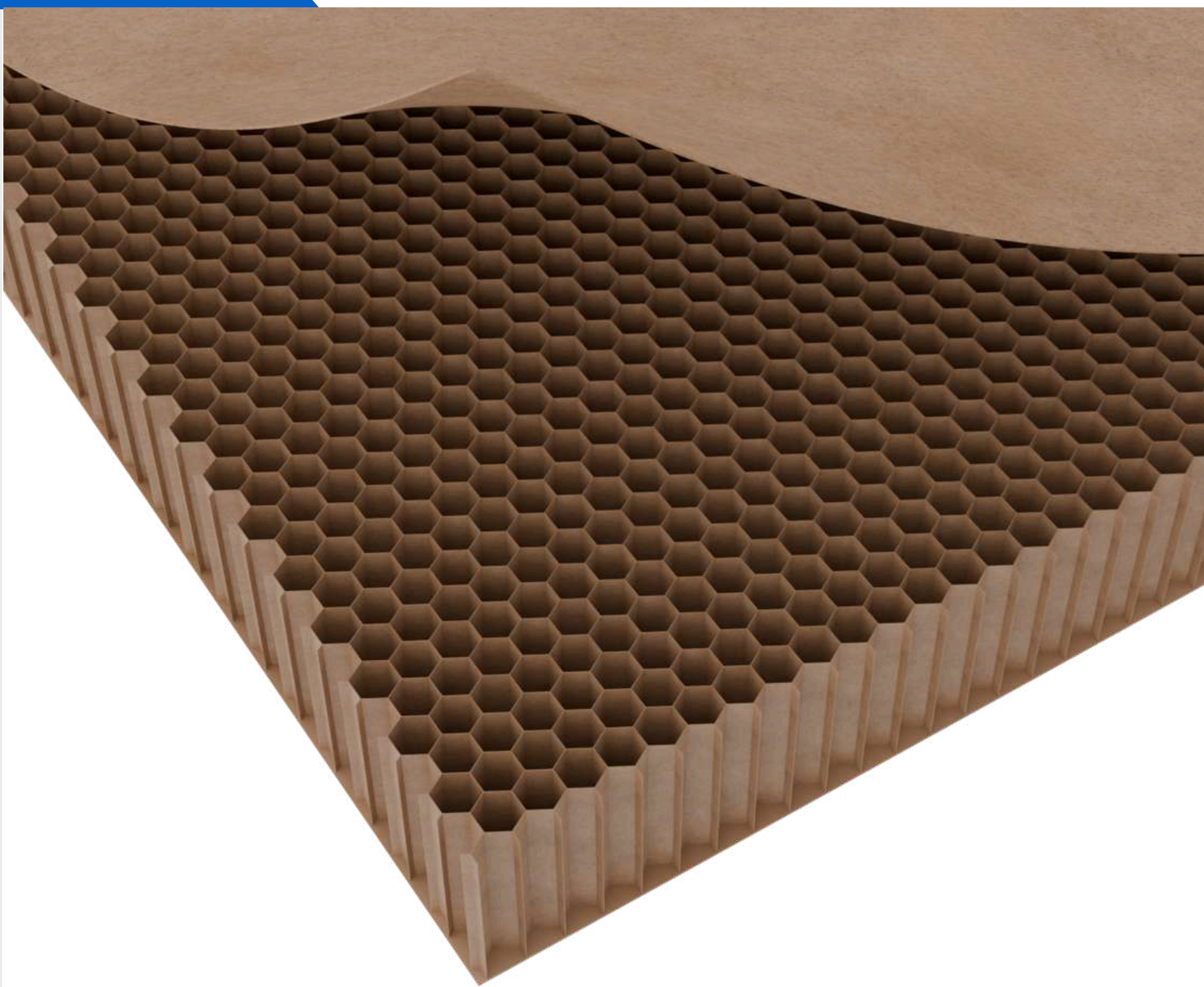


VoidX™ Cardboard Sheets

PRODUCT DESCRIPTION

Danterr's VoidX™ Cardboard Sheet is a lightweight, degradable cardboard void former designed to create space between concrete foundations and reactive soils. Manufactured from recyclable honeycomb cardboard, it provides temporary support during concrete placement before gradually breaking down to form a void that accommodates soil expansion and reduces upward pressure on concrete structures.

Designed for commercial and civil construction, this concrete void former combines load-bearing capacity with lightweight construction for efficient handling and installation. Available in various thicknesses, VoidX™ provides temporary support for wet concrete during placement and creates a void that accommodates soil expansion beneath concrete foundations, when specified and installed in accordance with the approved project design.



FEATURES & BENEFITS

- Creates space for reactive soil expansion beneath concrete foundations.
- Supports wet concrete during placement through its honeycomb structure.
- Lightweight construction allows easy handling and installation.
- Reduces handling and installation costs on site.
- Manufactured from recyclable honeycomb cardboard.
- Available in various thicknesses to suit project requirements.
- Gradually degrades to create the required void beneath concrete structures.

APPLICATIONS

- Void formation beneath concrete slabs.
- Separation of ground beams from reactive soils.
- Commercial and industrial foundation construction.
- Civil infrastructure foundations.
- Concrete foundations requiring allowance for ground movement.

PACKAGING & AVAILABILITY

Code	Description
112341	VoidX™ Cardboard Sheet 2400mm x 1200mm x 25mm
108302	VoidX™ Cardboard Sheet 2400mm x 1200mm x 50mm
108303	VoidX™ Cardboard Sheet 2400mm x 1200mm x 75mm
108477	VoidX™ Cardboard Sheet 2400mm x 1200mm x 100mm
108478	VoidX™ Cardboard Sheet 2400mm x 1200mm x 150mm

INSTALLATION INSTRUCTIONS

- 1.Site Preparation** – Prepare the installation area in accordance with the approved foundation design and project requirements.
- 2.Select Sheet Thickness** – Confirm the required sheet thickness and suitability for the specified application with the project engineer.
- 3.Sheet Placement** – Position the cardboard void formers beneath the designated concrete slabs or ground beams according to the approved drawings.
- 4.Moisture Protection** – Protect the sheets from moisture before concrete placement, using the appropriate supplier packaging or protection method.
- 5.Reinforcement Installation** – Install reinforcement according to the approved structural drawings.
- 6.Final Inspection** – Confirm sheet positioning, condition and protection requirements before concrete placement.
- 7.Concrete Placement** – Place concrete in accordance with the approved construction methodology, ensuring the void formers remain correctly positioned.

TECHNICAL SPECIFICATIONS

PHYSICAL PROPERTIES

Property	Specification
Product Type	Degradable cardboard void former
Material	Recyclable honeycomb cardboard
Core Structure	Paper honeycomb
Standard Sheet Size	2400 × 1200 mm
Available Thicknesses	25, 50, 75, 100 and 150 mm
Load Function	Temporary support for wet concrete during
Application	Void formation beneath concrete foundations

LOAD TESTING

Tested Thickness	Average Peak Load	Average Peak Load per Square Metre
50 mm	40.3 kN	11,400 kg/m²
75 mm	52.3 kN	14,818 kg/m²
100 mm	46.0 kN	13,028 kg/m²
150 mm	38.5 kN	10,908 kg/m²

Note: The values presented are average peak loads recorded during compression testing of cardboard void forming panels. These results should not be interpreted as allowable design loads. Product suitability and load requirements must be verified by the project engineer in accordance with the approved project design.

SAFETY & HANDLING

- Handle sheets carefully to prevent damage during transport and installation.
- Store in a clean, dry area protected from moisture and direct water exposure.
- Select appropriate protective packaging or coverings based on site conditions and supplier recommendations.
- Inspect sheets for damage or moisture exposure before installation and concrete placement.
- Follow applicable manufacturer instructions for bagging and moisture protection during concrete placement.
- Dispose of waste cardboard in accordance with local environmental regulations and recycle clean material where suitable facilities are available.