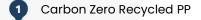
**FORMAVOID 100** 

PRODUCT INFORMATION - F1001



Perforations for Water & Air Flow

3 Catenary Ribs for Shape Retention

4 Integrated Clipping Mechanism

60% Void Space Beneath Arches



Formavoid is a plastic void former that encourages fill material into an extremely strong series of columns and arches, leaving open void space beneath the arches for source control water management & storage. When filled with aggregates, ranging in particle sizes from lmm – 40mm, Formavoid combines with the aggregate to create a granular base with enhanced stability and water storage capacity. Formavoid can be filled with 30% void type 3 aggregate for subbase attenuation applications; or soil can be used as fill material for green infrastructure applications.



### **APPLICATIONS**

- Source Control Stormwater Management
- Shallow Attenuation, Conveyance & Infiltration
- Open Graded Subbase Attenuation
- Water Managed Sports Facilities
- Blue/Green Roofs & Podiums
- Rainwater Harvesting & Recycling

#### KEY BENEFITS

- Nest stacking
- Vertical strength >120tons/m²
- Reduced construction depths
- Enhanced granular subbase storage capacity
- Improved base stability
- Better permeability/flow through aggregate
- · Reduced carbon footprint

Product Code	F1001
Colour	Black
Material	Carbon Neutral Recycled Polypropylene
Lifespan	>50 Years
Fill Material Examples	DOT Type 1, Type 2 & Type 3 Aggregates (SHW 803-805). Uniformly Graded Aggregate (2mm-20mm) Concrete (permeable or impermeable)

Coarse Sand

Soil

**GENERA**I

# **FORMAVOID 100**

PRODUCT INFORMATION - F1001





577mm (L) x 577mm (W) x 100mm (D)

1 2m (I) v 1 2m (\\\) v 1 3m (H)

When filled with 30% void aggregate with minimum 150mm cover

## **PHYSICAL**

**Unit Dimensions** 

Arch Type	Catenary	
Unit Weight	1.5kg	
Void Ratio	70% When columns are filled with 30% void aggregate	
Vertical Compressive Strength	>1,200kN/m²  When filled with 20% yeard aggregate with minimum 150mm source.	

3 units per m<sup>2</sup>



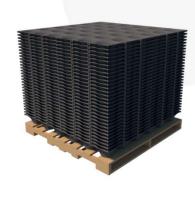
## **PACKAGING**

Pallet Size

railet size	1.2111 (L) × 1.2111 (W) × 1.3111 (11)
Pallet Weight	225kg
Packaging	Recyclable banding
Pallet Capacity	132nr / 44m²
Pallet Space Capacity (Double Stack)	264nr / 88m²
Storage Guidance	Suitable to be stacked - maximum 4nr pallets high.  Prevent direct exposure to sunlight during long periods of storage.

#### NOTES

- Formation shall be prepared to minimum 5% CBR. Special attention required for <5% CBR.
- Formatextile (F2001) must be installed beneath Formavoid to spread
- Formavoid to be installed with correct manual handling technique.
- Avoid trafficking unfilled Formavoid.
- Utilise lightweight plant and machinery when filling Formavoid and avoid high torsion movements.



Last Revised January 2025

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