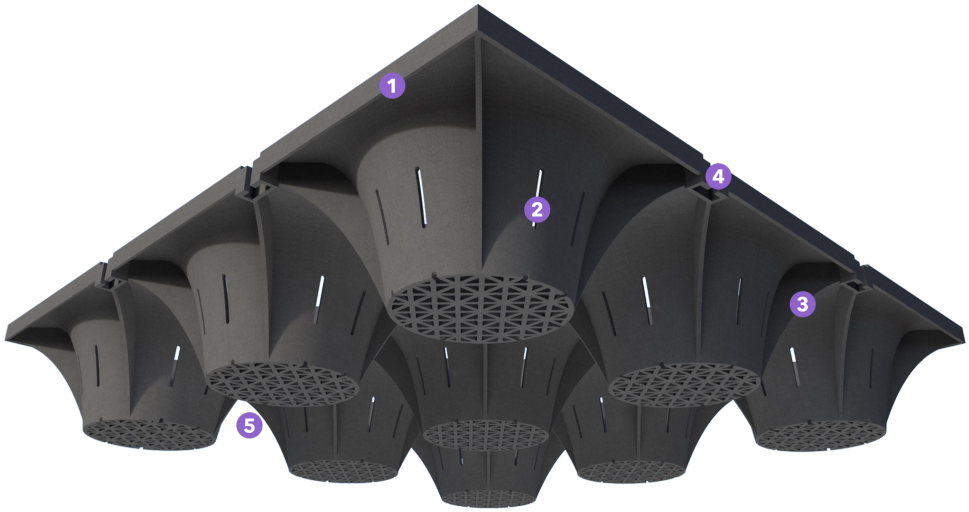
Formavoid 100
F1001 Data Sheet

forma

Formavoid 100

F1001 Data Sheet

1. Recycled PP
2. Perforations for Water & Air Flow
3. Catenary Ribs for Shape Retention
4. Integrated Clipping Mechanism
5. 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 2mm – 40mm, Formavoid creates a granular base with enhanced stability and water storage capacity. Formavoid can be filled with 30% void aggregates for subbase attenuation applications.

Key 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

Formavoid 100

F1001 Data Sheet

General	
Product Code	F1001
Colour	Black
Material	Post-Industrial 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
Physical	
Unit Dimensions (±1%)	577mm (L) x 577mm (W) x 100mm (D) 3 units per m²
Unit Weight	1.3kg - 1.5kg
Product Void Ratio	71% When columns are filled with 30% void aggregate
System Void Ratio	50% When filled with 30% void aggregate to 100mm cover depth
Vertical Compressive Strength	>1,200kN/m² When filled with 30% void aggregate with minimum 100mm cover
Perforated Surface Area (top face)	5%
Lateral Air Flow	2.8m³/min/unit
Resistance to Air Flow	5.6Pa/unit
Packaging	
Pallet Size	1.2m (L) x 1.2m (W) x 1.3m (H)
Pallet Weight	225kg
Packaging	Clipped together in panels of 4 units and secured with recyclable banding
Pallet Capacity	132units / 44m² (double stacked for transport)
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.
- Formatex *(F2001)* must be installed beneath Formavoid to spread load.
- Avoid trafficking unfilled Formavoid.
- Utilise lightweight plant and machinery when filling Formavoid and avoid high torsion movements.

Document Ref	Revision	Revision Date
F1001-DS	01	30.01.2026

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