

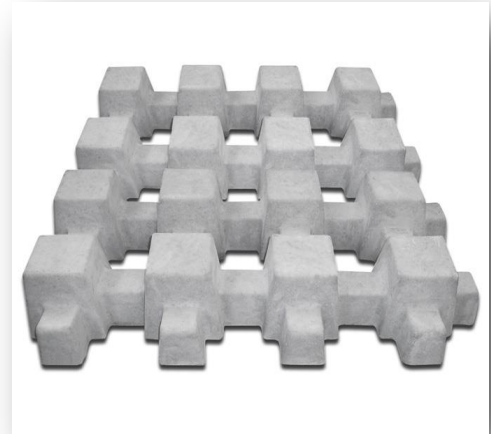
Checker Block®

DESCRIPTION

Checker Block® is a castellated pervious concrete grid unit made of high strength concrete with steel reinforcement. Each unit is cast in a grid of truncated concrete pyramids joined by horizontal concrete connectors. The grid unit is a nominal 600 mm x 600 mm x 100 mm (24" x 24" x 4") and fabricated in accordance with ASTM C1319. Each unit is manufactured by Reading Rock/Ackerstone/Nicolock/Hastings Pavement Company and marketed by Hydrotech for exclusive use in the Garden Roof® Assembly.

BASIC USE

Checker Block® is used to provide enhanced wind ballasting as a part of the Garden Roof® Assembly. It can be planted with InstaGreen® carpet, intensive material or sedum/perennial plugs.



INSTALLATION

- Refer to Hydrotech's Checker Block® Tech Data Sheet for specific installation instructions.
- Stainless steel zip-ties from Hydrotech are required to connect Checker Block® units together.
- Refer to Hydrotech's Guide Details for additional information on technical requirements

TECHNICAL DATA

Size:	600 mm x 600 mm (0.37 m ²), 24" x 24" (4 sf per grid unit)
Overall depth:	100 mm (4")
Media depth:	100 mm (4")
Surface area ratio:	25% concrete - 75% open for greenspace
Weight:	122.06 kg/m ² (25 lb/sf) + media
Compressive strength:	46.75 MPa (6,780 psi) average (ASTM C1319)
Water absorption:	20.11 kg /l ³ / m ² (8.8 lbs/cubic inch gallons/sf) used
Void space:	50%

LEED INFORMATION

	Credit 4	Credit 5
Recycled Content (% by weight)	0	
Manufacture Location		Long Island, NY Cincinnati, OH Corona, CA
VOC Content (g/l)		0

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