

Hydrotech® Checker Block®

formerly known as Checker Block®

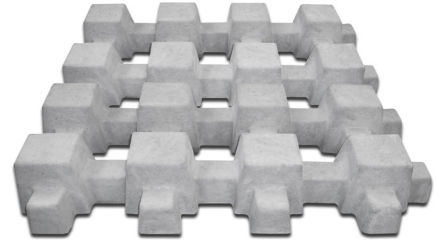


BUILDING TRUST



GENERAL 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 24" x 24" x 4" deep and fabricated in accordance with ASTM C1319. Each unit is manufactured by Reading Rock/Ackerstone/Nicolock/Hastings Pavement Company and marketed by American 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:	24" x 24" (4.0 S.F. per grid unit)
OVERALL DEPTH:	4.0"
MEDIA DEPTH:	4.0"
SURFACE AREA RATIO:	25% concrete - 75% open for greenspace
WEIGHT:	25 lbs/S.F. + media
COMPRESSIVE STRENGTH:	6,780 lbs/square inch, average (ASTM C1319)
WATER ABSORPTION:	8.8 lbs/cubic inch gallons/S.F. used
VOID SPACE:	50%

LEED® INFORMATION

	Credit 4	Credit 5
Recycled Content (% by weight)	0	
Manufacture Location		Lindenhurst, NY Cincinnati, OH Corona, CA
Extraction/Harvesting Location		Lindenhurst, NY Cincinnati, OH Corona, CA
VOC Content (g/L)		0

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