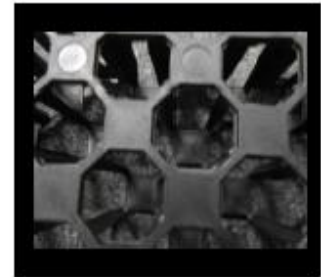
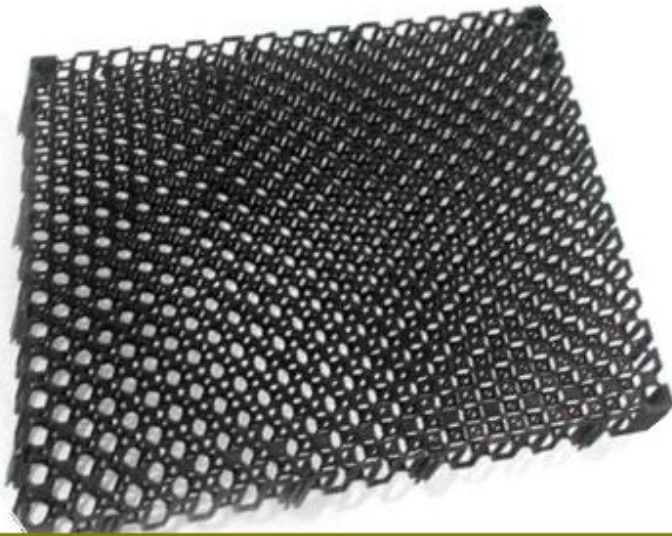




志昇工業有限公司 CO. NO. 482983 P
CHEE SHEN INDUSTRY SDN. BHD.

Oetocell

Drainage Solution



ROOF GARDEN



SPORT FIELD



PLANTER BOX



ARTIFICIAL
GRASS

Octocell

Drainage Solution

OctoCell® Specifications

Material	Recycled PP
Height (mm)	30
Width (mm)	500
Length (mm)	500
Compression strength (tonnes/m ²)	>90-100
Weight (kg/m ²)	~2.6
Discharge capacity @ 1% gradient (l/m.s)	16.5
Surface void area	65%
Internal void area	95%
Color	Black

The Drainage OctoCell® is designed for sub-surface water management for efficient drainage and to waterproof. It is the ideal solution for many applications such as sports fields, roof gardens, retaining walls, feature ponds, driveways, car parks, etc.

Our OctoCell® is designed as Feng Shui "Bagua" as the 8 areas resemble various aspects of life. Wealth, Reputation, Love, Family and Health, Travel and Helpful acquaintances, Career, Wisdom, Children and Creativity are the main life areas.

ADVANTAGES OF OctoCell®

- Lightweight
- High strength and durable
- Cost effective
- Easy to install
- Efficient sub-soil drainage
- Multiple applications
- Reusable and recyclable

APPLICATION

- Horizontal Deck Drainage - Roof Garden, Planter Box
- Wall Drainage - Playground, Golf Course, Sport Field

INSTALLATION PROCEDURE

- Apply waterproofing layer and protection screed specified.
- Install Octocell® with the studs facing the structure.
- Lay geotextiles filter on top of Octocell®.
- Backfill permeable sandy soil layer as specified.
- Place permeable top soil as specified.
- Proceed with landscaping/paving work.



TEST RESULT: COMPRESSION LOAD TEST

SAMPLE REFERENCE	ULTIMATE LOAD, kN	MODE OF FAILURE	REFERENCE PHOTO
S1	239.17	The drainage cell cracked and ruptured	Figure 1.0 & 1.1

TYPICAL DETAIL OF A ROOFTOP GARDEN



For further information, kindly contact

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