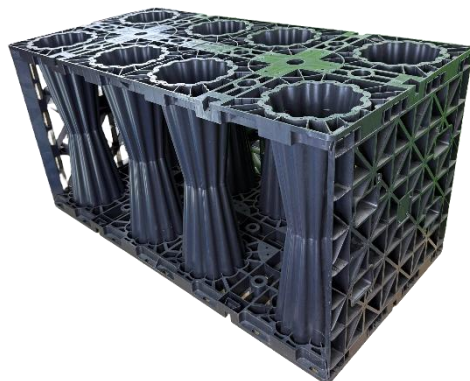


Technical Data Sheet Rainwater Collection Module

1. DESCRIPTION

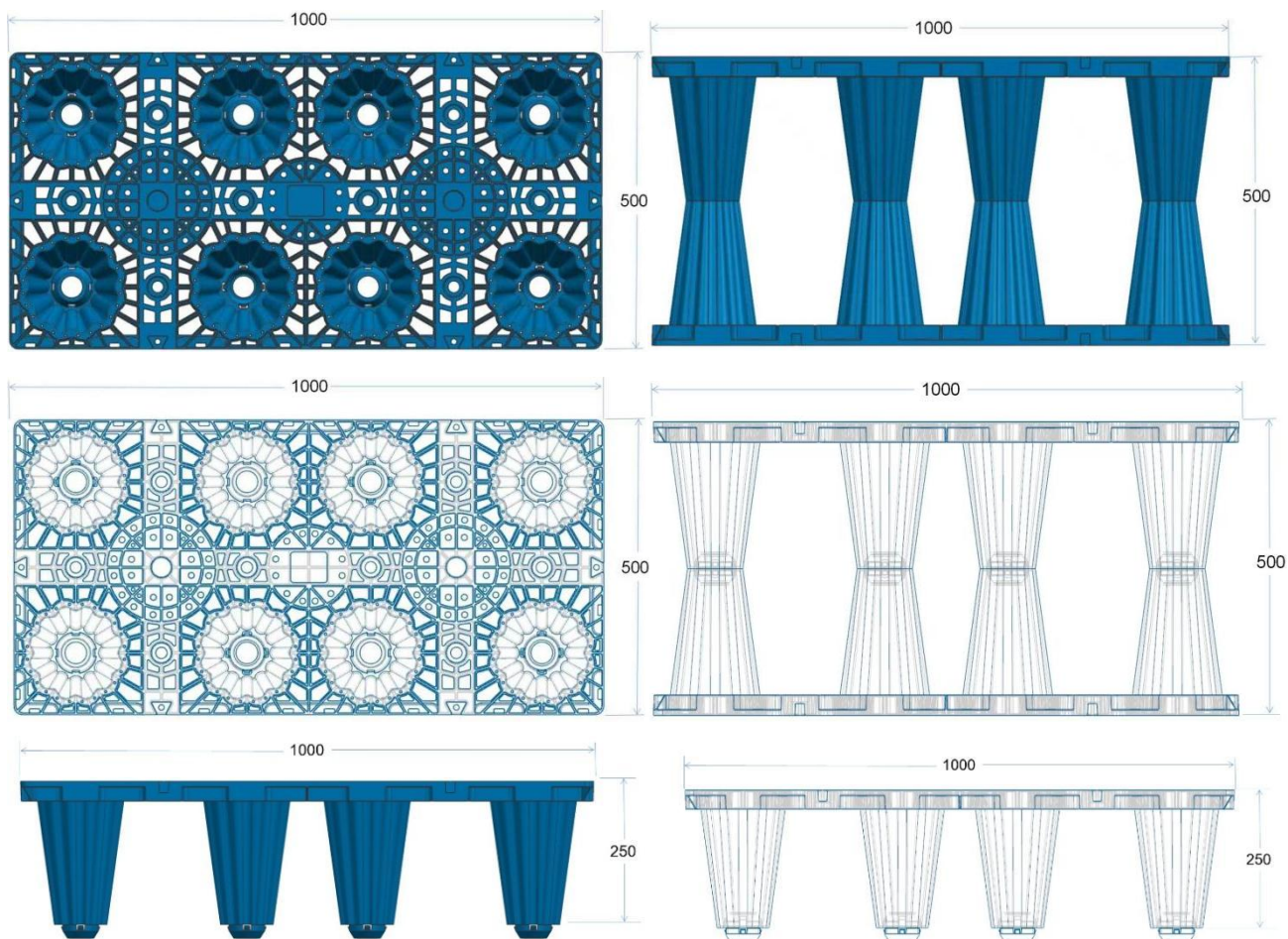
The PP Rainwater Collection Module is an advanced modular solution designed for sustainable urban drainage, rainwater harvesting, and sponge city projects.



2. TECHNICAL SPECIFICATIONS

Material	Virgin Polypropylene (PP)
Color	Black/Blue
Dimensions	1000 × 500 × 500 mm
Height [h] *	500mm
Weight *(1 m ³) (without accessories)	Blue: 37.6/42.4/47.6 kg Black: 38.4/44.0/49.2 kg
Volume	0.25m ³ (4pcs=1m ³)
Net volume	0.2375m ³
Void Ratio	95%
Load Class	20T/30T/45T/60T/70T/80T/90T/100T
Production place	Guangdong Province, Foshan City, China

3. TECHNICAL DRAWINGS



4. PACKAGING AND TRANSPORT

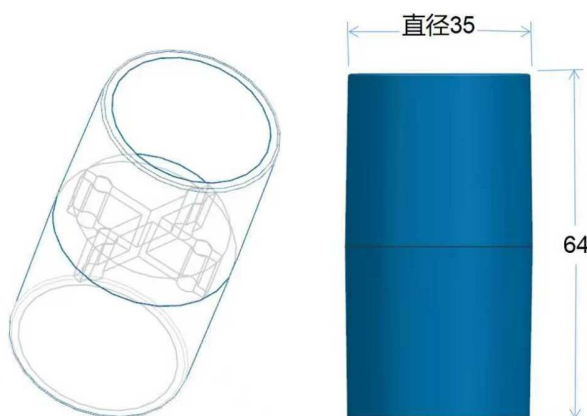
Packaging dimensions	1000*1000*2600mm
Type of packaging	4 packing straps with wooden pallet
Package gross weight	574-719kg/per Pallet

Technical data sheet Connecting Columns

9. DESCRIPTION

Serve as vertical supports to connect and stabilize multiple layers of modules, maintaining the required structural strength.

10. TECHNICAL DRAWINGS



11. TECHNICAL SPECIFICATIONS

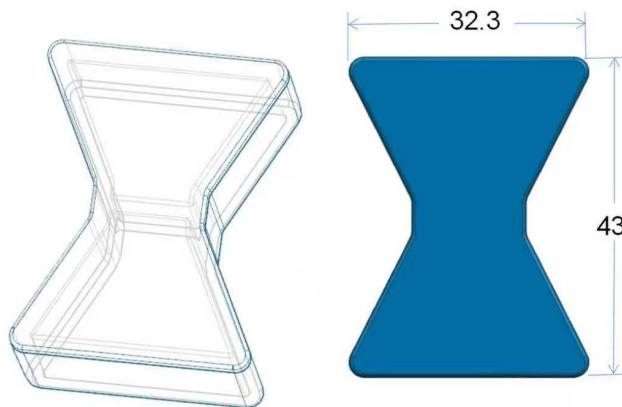
Material	Polypropylene (PP)
Dimension *	35*64mm
Weight (1 pcs)	0.0158kg
Production place	Guangdong Province, Foshan City, China

Technical data sheet Butterfly Grips

13. DESCRIPTION

Used to lock and secure side panels in position, ensuring reliable assembly during installation.

14. TECHNICAL DRAWINGS



15. TECHNICAL SPECIFICATIONS

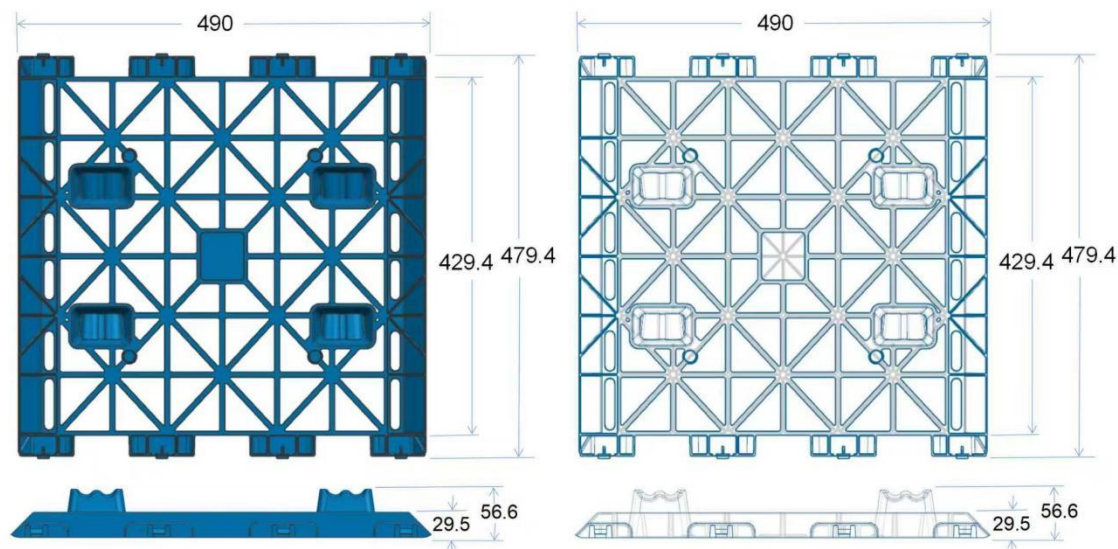
Material	Polypropylene (PP)
Dimensions *	43*32*20mm
Weight (1 pcs)	0.008kg
Production place	Guangdong Province, Foshan City, China

Technical data sheet Side Panels

17. DESCRIPTION

Installed along the perimeter of the module system to provide lateral stability, prevent soil intrusion, and allow controlled water movement.

18. TECHNICAL DRAWINGS



19. TECHNICAL SPECIFICATIONS

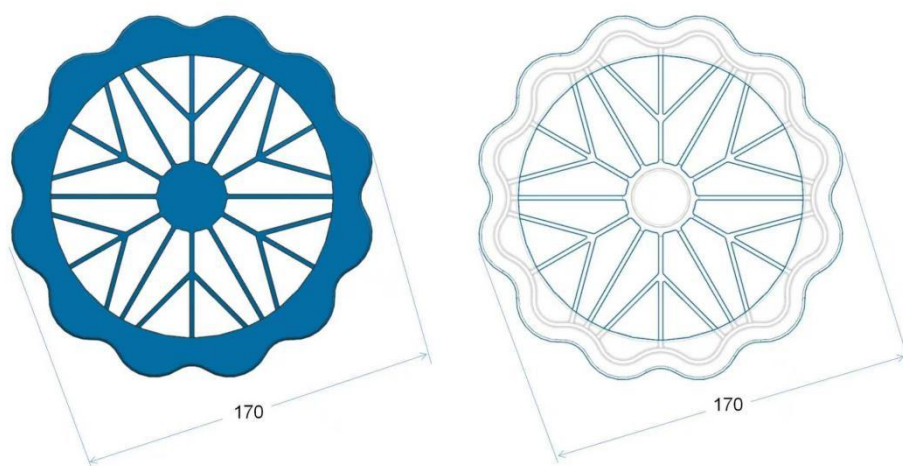
Material	Polypropylene (PP)
Dimensions *	490*479.4*56mm
Weight (1 pcs)	1.06/1.16/1.22kg
Load Class	30T/45T/60T
Production place	Guangdong Province, Foshan City, China

Technical data sheet Cover Plate

21. DESCRIPTION

Positioned on the top surface of the module to protect against debris ingress while maintaining system accessibility.

22. TECHINCAL DRAWINGS



23. TECHNICAL SPECIFICATIONS

Material	Polypropylene (PP)
Dimension *	170*14mm
Weight (1 pcs)	0.058kg
Place of production	Guangdong Province, Foshan City, China