

# TREMCO Drainage Cell

## MULTI-COMPOSITE DRAINAGE AND PROTECTION BOARDS

## TECHNICAL INFORMATION

### Key Benefits Summary

- Lightweight modules that allow easy handling and installation
- Approximately 2% of gravel aggregate weight for the same discharge capacity
- More predictable drainage capacity than gravel
- Narrow profile enables a greater soil depth to be utilised in planter beds, compared to gravel, allowing the use of a wider variety of landscape plants
- Relief of hydrostatic pressure on retaining walls
- Application on curved and irregular surfaces

### Advantages

- Design flexibility
- Lightweight and High Strength
- Efficient
- Easy Installation – Large easy to join modules or pre-assembled panels allows rapid installation and minimise on-site disruption
- Storage and Handling
- Environmentally Friendly

### PERFORMANCE (Typical Properties)

- MATERIAL  
Polypropylene
- MODULE SIZE  
500mm x 500mm x 30mm
- PIECES PER SQUARE METER  
4
- COMPRESSIVE STRENGTH  
<690kN/m<sup>2</sup>
- SURFACE VOID  
< 64%
- INTERNAL VOID VOLUME  
< 93%
- WEIGHT  
< 2.2kg/m<sup>2</sup>
- BIOLOGICAL/CHEMICAL RESISTANCE  
Resistant to ground chemicals, rot, moulds, algae, bacteria and root penetration. Does not affect potable water
- SERVICE TEMPERATURE  
> - 20°C to 80°C
- FIRE RESISTANCE  
B2 (DIN 4102)

## PRODUCT INFORMATION

### DESCRIPTION

The TREMCO Drainage Cell allows water to pass into the drainage core while keeping soil particles out. The drainage core acts as a protection course and creates a high capacity drainage plane. Tremco Drainage Cell is used in conjunction with TREMproof and Paraseal waterproofing membranes in both vertical and horizontal applications.

### USAGE/PURPOSE

- Planter Boxes
- Retaining Walls
- Green Roofs

### PACK SIZE

500mm(L) x 500mm(W) x 30mm(H)

### PRODUCT CODE

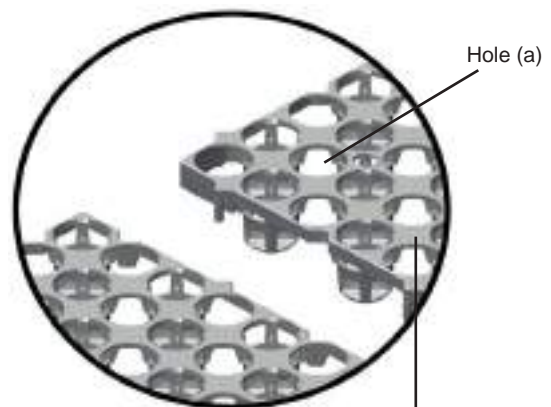
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### COLOUR

Black



TREMCO Drainage Cell is flexible and conforms to uneven and curved surfaces



Flat side facing away from membrane



# TREMCO Drainage Cell

## INSTALLATION

To interlock modules position the first module with the hole (a) in the top left corner on a flat surface. Select a second module orientated with the hole in the top left corner and interlock it with the first module. Drainage Cell should be laid with feet against membrane and flat side to receive Geofabric if required.

## HEALTH & SAFETY PRECAUTIONS

The Material Safety Data Sheet (MSDS) must be read and understood prior to use.

## TECHNICAL SERVICE

TREMCO has a team of qualified Technical Sales Representatives who provide assistance in the selection and specification of products. For more detailed information or service and advice, call Customer Service on (02) 9638 2755 or fax (02) 9638 2955.

## GUARANTEE/WARRANTY

TREMCO products are manufactured to rigid standards of quality. Any product which has been applied (a) in accordance with TREMCO written instructions and (b) in any application recommended by TREMCO, but which is proved to be defective, will be replaced free of charge.

Any information provided by TREMCO in this document in relation to TREMCO's goods or their use is given in good faith and is believed by TREMCO to be appropriate and reliable. However, the information is provided as a guide only, as the actual use and application will vary with application conditions which are beyond our control. TREMCO makes no representation, guarantee or warranty relating to the accuracy or reliability of the information and assumes no obligation or liability in connection with the information. To the extent permitted by law, all warranties, expressed or implied are excluded.