



## EROMASTA™ *HDPE EroWeb*

Soil Stabilisation Reinforcement Mat

---

### TECHNICAL SPECIFICATIONS

WORLD-CLASS GEOSYNTHETICS. UNBEATABLE VALUE. EXCEPTIONAL SERVICE.



## DESCRIPTION

EROMasta™ EroWeb is engineered for soil stabilization applications, it is used to help improve the performance of standard construction materials and erosion-control treatments. EROMasta™ EroWeb is constructed of lightweight and flexible three-dimensional, expandable panels made from high-density polyethylene (HDPE) strips which are ultrasonically bonded together to form an extremely strong configuration. GEOMasta® EroWeb System can be filled with a wide range of material: aggregate, concrete, sand, soil, etc.

## APPLICATIONS

- + Erosion Control
  - + Load Support
  - + Slope Protection
- + Channel Protection
  - + Retaining Wall
  - + Ground Stabilisation

### SYDNEY

29 Penelope Crescent  
Arndell Park NSW 2148

### MELBOURNE EAST

Factory 3, 1364 Heatherton Road  
Dandenong VIC 3175

### CANBERRA

3 Daly Street,  
Queanbeyan West NSW 2620

### ADELAIDE

391 Churchill Road,  
Kilburn SA 5084

### AUCKLAND

8-10 Hannigan Drive,  
St Johns Auckland 1072

### MELBOURNE

Building A 1-7 Cyanamid Street  
Laverton North VIC 3026

### BRISBANE

71 Lavarack Avenue  
Eagle Farm QLD 4009

### NEWCASTLE

100 Glenwood Drive  
Thornton NSW 2322

### PERTH

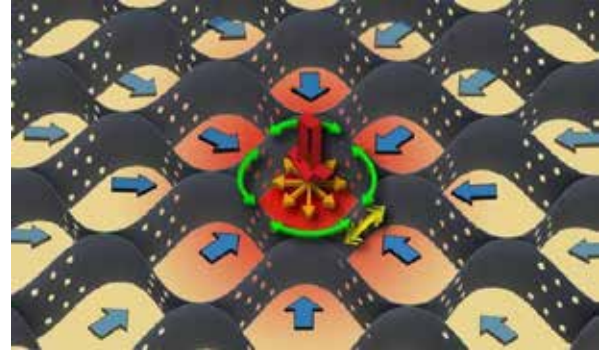
Unit 1/94 Beringarra Avenue,  
Malaga WA 6090

### CHRISTCHURCH

Warehouse 2/52 Kennaway Road,  
Woolston Christchurch 8023

**FUNCTIONALITY**

Cellular confinement improves the moduli of infill materials, while increasing the bearing capacity of the structural pavement layers for load support. Infill stiffness is increased by transferring vertical forces to hoop stresses on the geocell walls and by passive resistance from surrounding cells as shown.



**SPECIFICATIONS**

INDEX PROPERTIES	TEST METHOD	UNITS	EC0735	EC1035	EC1535
Polymer	-	-	HDPE	HDPE	HDPE
Carbon Black content	ASTM D 1603	%	≥1.5	≥1.5	≥1.5
Density	ASTM D 1505	g/cm3	≥0.94	≥0.94	≥0.94
Sheet Thickness before texturing	ASTM D 5199	mm	1.10	1.10	1.10
Sheet Thickness after texturing	ASTM D 5199	mm	1.50	1.50	1.50
Seam Peel Strength	-	N	1060	1420	2130
Weld Spacing	-	mm	356	356	356
Cell Depth	-	mm	75	100	150
DIMENSIONS					
Expanded Cell Size (width×length)	-	mm	259 X 224	259 X 224	259 X 224
Expanded Panel Size (width×length)	-	m	2.56 X 6.52	2.56 X 6.52	2.56 X 6.52
Panel Height	-	Mm	75	100	150
Expanded Panel Area	-	m2	16.7 ±1%	16.7 ±1%	16.7 ±1%

**DISCLAIMER** - The information presented in this document is to the best of our knowledge accurate. This content does not take into account the particular environment and conditions that may be present at your site. Specific site conditions vary and may alter the performance and durability of this product and in exceptional case make it absolutely unsuitable. we cannot accept liability for the in-situ performance, loss or damage from the use of the information presented in this document. If your project or job demands accuracy to a certain degree of tolerance, you are responsible to advise us before ordering the product. We then can appropriately inform you whether or not the product will meet your needs and required tolerances. This information should only be used a guide only and in all cases we recommend that you consult a qualified engineer before proceeding in the install of the product. © Copyright GEOMasta® Ltd & Jaybro. All rights reserved. We reserve the right to change the product specifications at any time.

**SYDNEY**

29 Penelope Crescent  
Arndell Park NSW 2148

**MELBOURNE EAST**

Factory 3, 1364 Heatherton Road  
Dandenong VIC 3175

**CANBERRA**

3 Daly Street,  
Queanbeyan West NSW 2620

**ADELAIDE**

391 Churchill Road,  
Kilburn SA 5084

**AUCKLAND**

8-10 Hannigan Drive,  
St Johns Auckland 1072

**MELBOURNE**

Building A 1-7 Cyanamid Street  
Laverton North VIC 3026

**BRISBANE**

71 Lavarack Avenue  
Eagle Farm QLD 4009

**NEWCASTLE**

100 Glenwood Drive  
Thornton NSW 2322

**PERTH**

Unit 1/94 Beringarra Avenue,  
Malaga WA 6090

**CHRISTCHURCH**

Warehouse 2/52 Kennaway Road,  
Woolston Christchurch 8023

**CELLGRIP™ ANCHOR PIN**

CellGrip is designed to secure and enhance geocell performance in slope reinforcement and soil retention applications.

- Eliminates time & labor associated with carrying, deploying and hammering traditional J-hooks
- Clips into the perforated side walls of the Geocell
- Superior performance when compared to traditional rebar J-hooks, up to 9x the pull out force versus J-hooks
- Quick and easy to install with a standard electric drill – 5x faster installation process
- Can be installed to full depth without damaging the Geocell
- Actively anchors Geocell's against natural and sliding forces, reducing the need for heaving anchor and trenching.

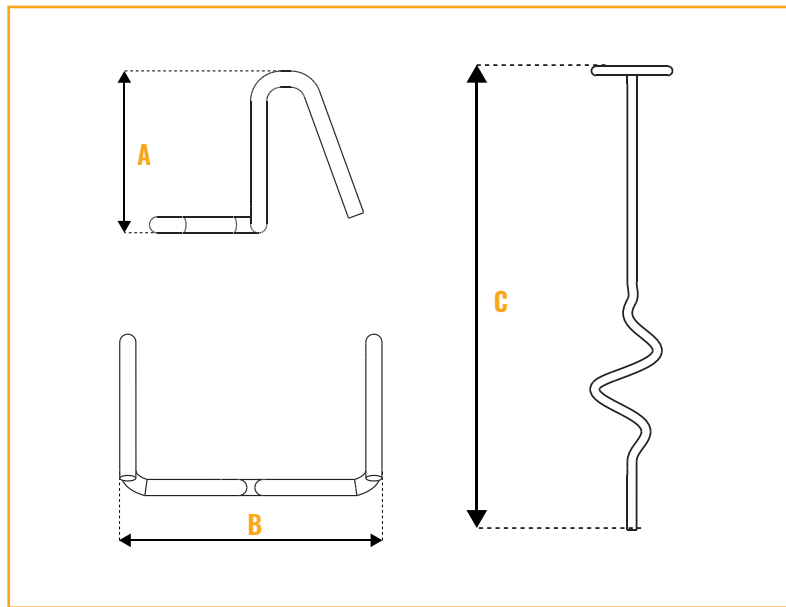


TL-GCA-1

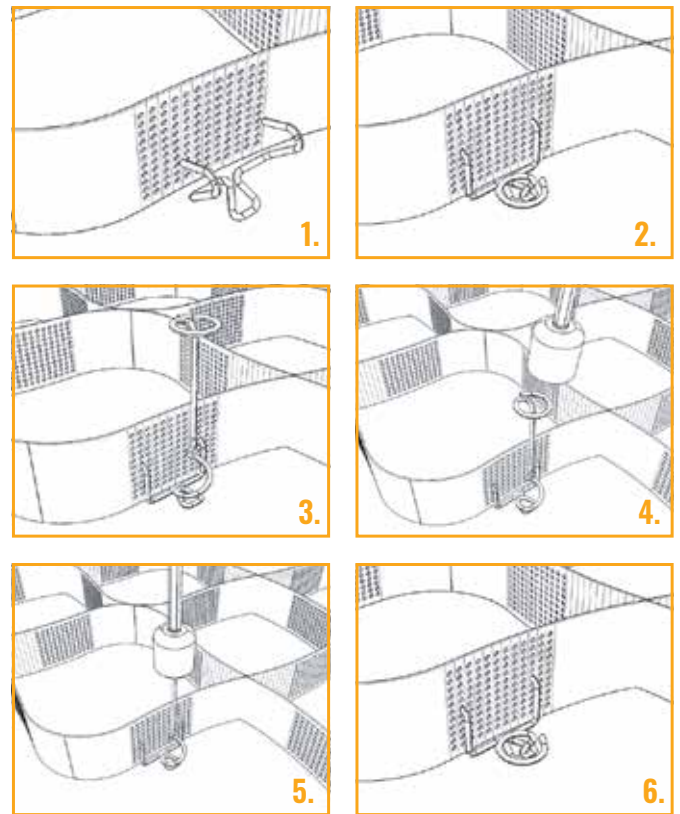
TL-GCA-2

**SPECIFICATIONS**

DIMENSIONS	UNIT	TL-GCA-1	TL-GCA-2
A	mm	40	40
B	mm	65	65
C	mm	202	202



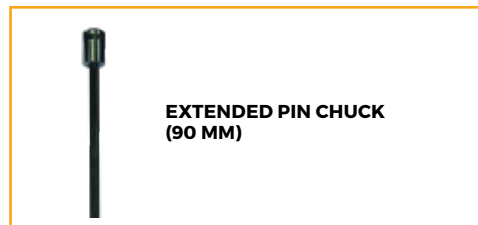
**INSTALLATION**



**INSTALLATION TOOLS**



OR



**CHUCK ASSEMBLY**



**SYDNEY**  
29 Penelope Crescent  
Arndell Park NSW 2148

**MELBOURNE EAST**  
Factory 3, 1364 Heatherton Road  
Dandenong VIC 3175

**CANBERRA**  
3 Daly Street,  
Queanbeyan West NSW 2620

**ADELAIDE**  
391 Churchill Road,  
Kilburn SA 5084

**AUCKLAND**  
8-10 Hannigan Drive,  
St Johns Auckland 1072

**MELBOURNE**  
Building A 1-7 Cyanamid Street  
Laverton North VIC 3026

**BRISBANE**  
71 Lavarack Avenue  
Eagle Farm QLD 4009

**NEWCASTLE**  
100 Glenwood Drive  
Thornton NSW 2322

**PERTH**  
Unit 1/94 Beringarra Avenue,  
Malaga WA 6090

**CHRISTCHURCH**  
Warehouse 2/52 Kennaway Road,  
Woolston Christchurch 8023