



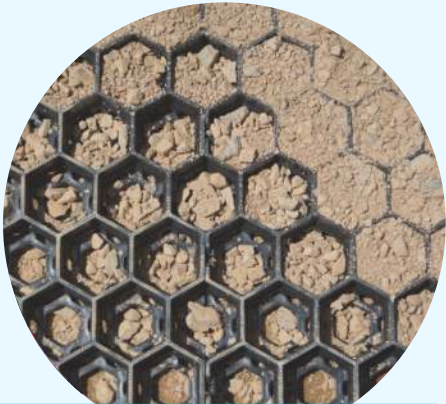
Geohex

Recycled Soft Plastics in Council Infrastructure

DAMIR PLETIKOSA · AUG 2026



A Full-Circle Economy for Councils



Waste bought back via
Geohex and put back
into council projects



Council Soft Plastics
Collected

538,000+ tonnes

of soft plastic waste generated in
Australia every year



Processed by IQRenew



Manufactured with the
recycled resin

Features & **Benefits**

- Australian Made
- Easy to install & cost effective [37% of concrete]
- Erosion Control
- Maintains structure and integrity in the soil profile when it becomes saturated due to heavy rainfall
- Drainage & attenuation capabilities
- Reduces surface water runoff and the need for grated trench drain, minimising the size of detention tank
- University of Newcastle Lab Tested and Load rated to 1200 tonnes / m²
- NATA Tested & Certification to Class G – AS3996
- Eco-friendly – Made from 100% high impact recycled pp making it light weight and durable
- 25-year design life



GEOHEX & **RAWSPEC**

- **Product Stage:** Early-stage development using RAWSPEC post-consumer recycled resin
- **Material Blend:**
 - RAWSPEC blended with recycled PP
 - Two formulations under evaluation:
 - **30% RAWSPEC / 70% Recycled PP**
 - **50% RAWSPEC / 50% Recycled PP**
- **Testing Status:**
 - Physical & compression tested – zero cracking under 13T (2,300kg ute)
 - **FEA and NATA testing** scheduled as next step (6-9 months)
 - RAWSPEC resin already GRS certified for recycled content
- **First to Market:** Geohex is Australia's only NATA Class G certified ground stabilisation product. RAWSPEC certification is next, accelerated by confirmed council demand.
- **Usage Recommendation:**
 - 50% RAWSPEC / 50% Recycled PP for “Light Vehicle” CLASS B applications
 - 100% RAWSPEC – Foot traffic applications



Council **Applications**

Parking Areas /
Hardstands

Golf Courses

Municipal Parks &
Reserves

Shared Pathways

Roadways / Paths

Caravan Parks

Trails / Fire Lanes

Beach Access

Boat Ramps

Cemetery Paths

Landscaped
areas

Foreshore Access

Playgrounds

Stormwater
Swales

Depot &
Maintenance
Yards

Cost Comparison

Concrete vs. Geohex

This table provides a clear comparison between the costs of Geohex Stabilisation Cells and Coloured Concrete for an area of 100m2 on level ground.

Drainage costs for concrete have not been taken into account. Geohex is a permeable product and does not require drainage considering the incline.

Overall, **a 37% Saving!**

\$12,705.00 saving using Geohex

Item	Geohex Costing (\$)	Concrete Costing (\$)
Geohex cells	\$3,000.00	-
Excavator	\$800.00	\$800.00
Pins 150mm	\$270.00	-
Crushed Rock incl del for sub-base	\$1,500.00	\$400.00
Crushed Rock inc del for cells	\$200.00	-
Toppings inc delivery	\$215.00	-
Pine edging and pegs	\$290.00	-
Labour	\$1,400.00	\$2,800.00
Total Geohex Cost	\$7,675.00	-
Concrete Costing		
Site set up and formwork	-	\$1,700.00
Steel inc delivery	-	\$990.00
Concrete	-	\$8,500.00
Concrete Pump	-	\$900.00
Vibrator hire	-	\$90
Labour to pour and finish	-	\$2,800.00
Concrete cutting	-	300.00
Total Concrete Cost	-	\$20,380.00

Materials Handling & **RAWSPEC**



Pails



Nesting Crates



Tech Trays



Tech Bins



Custom Solutions



Geohex

Your Move!

- **Australia's First Certified Cell**
No other ground stabilisation product carries independent NATA certification
- **RAWSPEC Certification Next**
Timeline shaped by confirmed council demand
- **Open to Councils Now**
Talk to us about a trial for your council

Damir Pletikosa – General Manager,
GEOHEX & A Plus Plastics
0497 009 575
damir.pletikosa@hollowaygroup.com.au

