



DIAMONDGRID™



Reduce your
Carbon
Footprint



Use up to **91%** less
concrete*



Made from
100% Recycled
Plastic



**TOUGHEN
YOUR TERRAIN**

DIAMONDGRID™
Mining

Specification Sheet

DIAMONDGRID™



UV STABILIZED



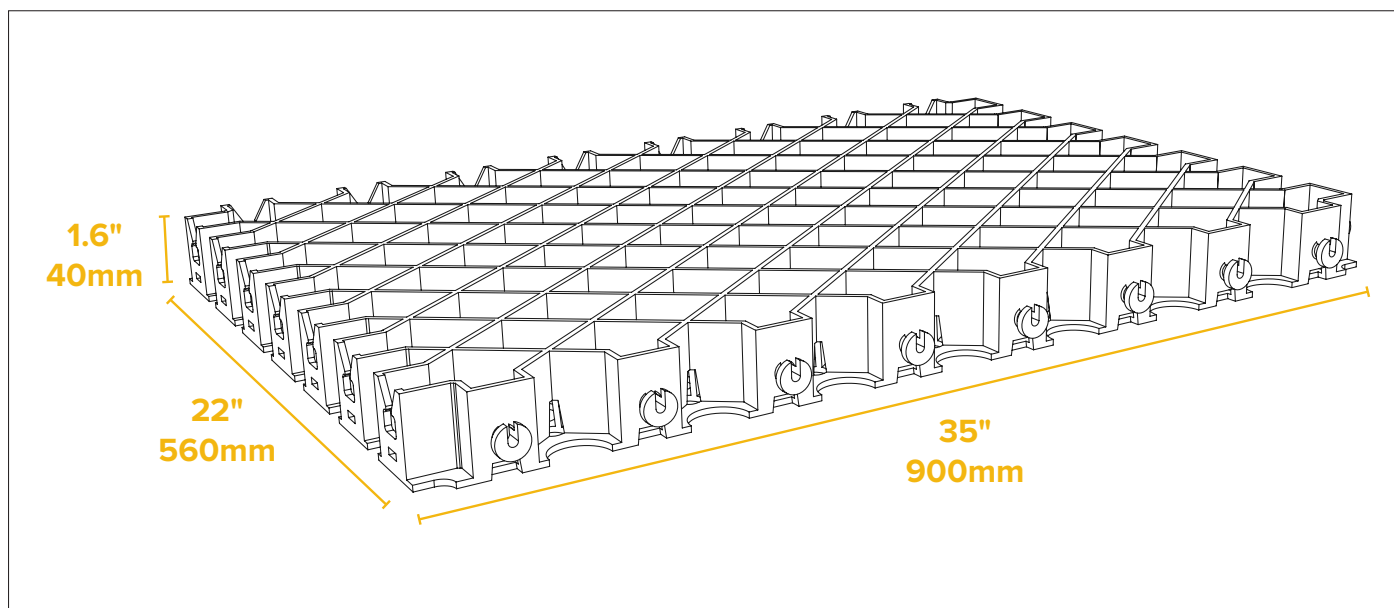
RELOCATABLE



DO-IT YOURSELF



INTERLOCKING SYSTEM



The DiamondGrid™ interlocking system is robust and easy to install.

Applications suitable for Diamond Grid include:

- ◆ Cart paths
- ◆ Access Roads
- ◆ Machinery/Storage Sheds
- ◆ Workshop floors
- ◆ Car parks
- ◆ Turf stabilization

Measurements

35" W x 22" L x 1.6" H ◆ 900mm W x 560mm L x 40mm H

Crush resistance (filled with gravel/road base)

100+ tons/sqft filled* ◆ 1000+ tonne m²*

Crush resistance (empty grid)

30 tons/sqft empty* ◆ 300 tonne m²*

Weight per grid

7.05 lbs ◆ 3.2kg

Fill ratio

1 cubic yard of fill per 207.9 square feet ◆ 1 cubic metre of fill per 26m²

Permeability

Up to 96%

Fill

Road base, gravel, pebbles, grass, soil, concrete, asphalt



Made from 100% recycled, UV treated polypropylene, Diamond Grid is ecologically friendly and highly durable. The product has been load tested by the **Facility of Engineering and Surveying Centre of Excellence in Engineered Fibre Composites, University of Southern Queensland and Sageos CTT Group** and found to withstand loads in excess of 300 tonnes per square metre when empty or over 1000+ tonnes crush resistance per m² when grids are filled.

diamondgrid.com

Features and Benefits of

DIAMONDGRID™



Reduce subgrade thickness



Increase load bearing capacity of the road



Act as a bridging layer / differential settlement



Cut maintenance frequency by 70%



Reduce maintenance costs by more than 70%



Holds the road together for much greater periods, reducing maintenance requirements



Increase traffic load without increasing pavement thickness



Minimizes pavement failure due to semi-rigid load bearing capacity



DiamondGrid™ works as a bridging layer to spread load across the ground, similar to putting a rock ballast down but lasting many more years



Less vehicles and staff will be required as they can travel from point to point in half the time



Increase fuel economy of vehicles as they can travel 50-75% faster one safe level and solid roads



Elimination of 90% safety issues and vehicles accidents as with DiamondGrid™ the roads are free of potholes, corrugation and are non-slippery.



Diamond Grid™ Examples in Mining and Construction





DIAMONDGRID™

FOR A SOLID SURFACE ON ANY MINE, ANYWHERE.



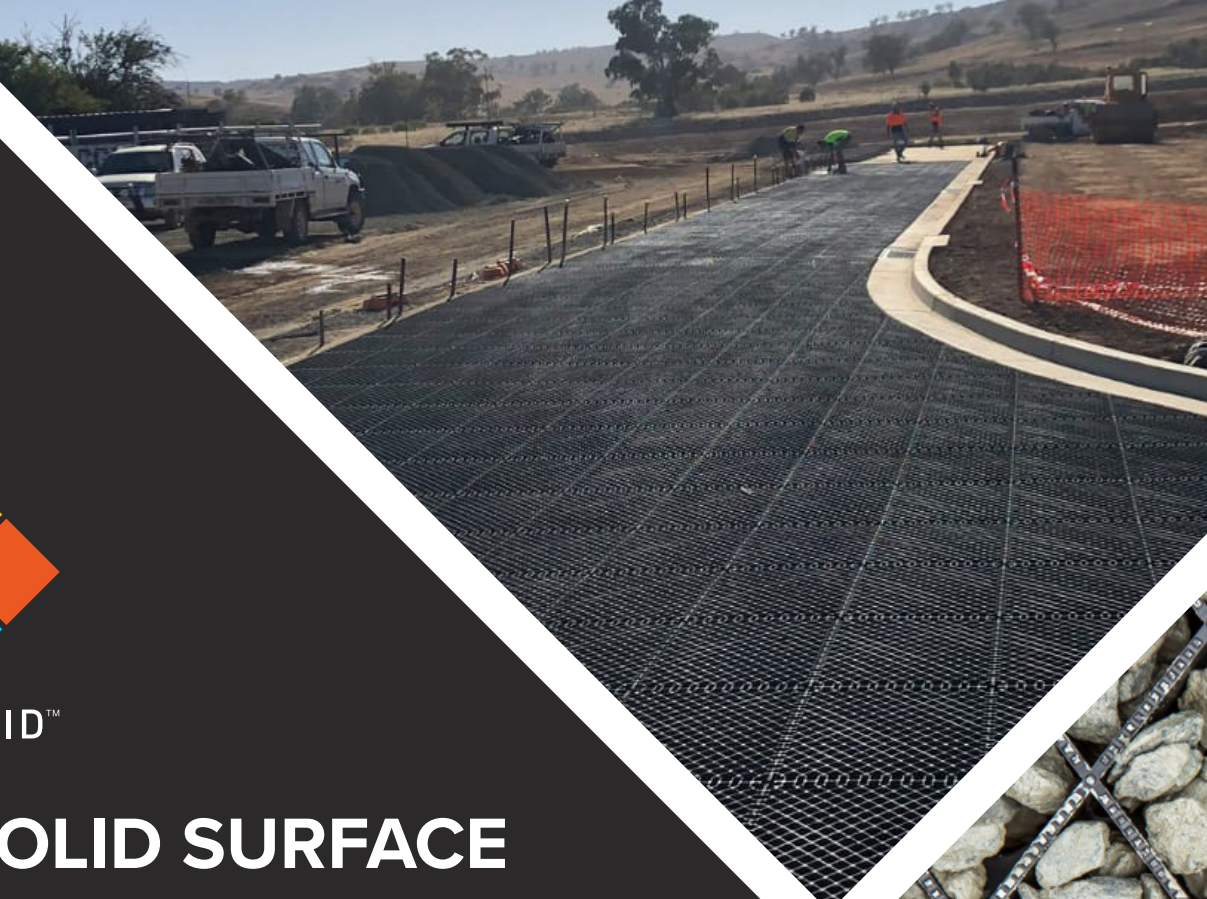
Significantly reduce
downtime & ongoing maintenance



Up to 60% Cheaper
than using concrete



100% Recycled
polypropylene



DIAMONDGRID™

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**TOUGHEN
YOUR TERRAIN**