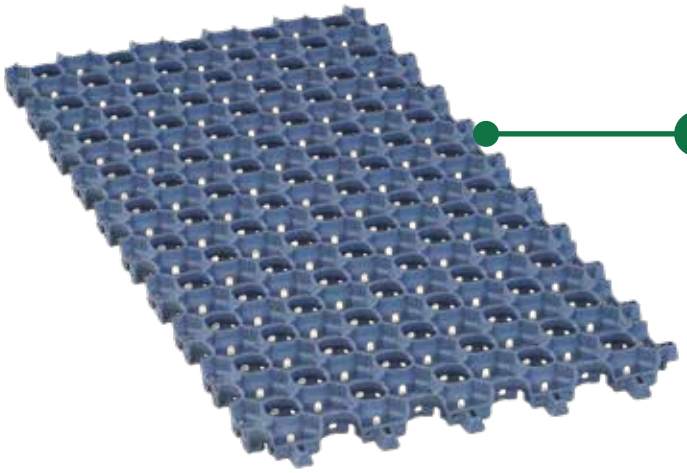
TREX

Built to outlast. Designed to impress

Heavy-Duty Ground Stabilization for Mining Operations

In mining, unstable ground isn't just an inconvenience, it's a risk to safety, productivity, and cost efficiency.

- Eroded pathways creating safety hazards
- Unstable terrain slowing operations
- Downtime impacting productivity and costs
- High maintenance requirements across site infrastructure
- Limited access in remote or weather-affected areas



TREXLOK

Made from recycled polypropylene and polyester plastic, TREX delivers engineered ground stabilization systems that stabilize, simplify, and sustain.

- Quick installation and less downtime
- Proven load-bearing capacity for heavy-duty mining operations.
- Performs under pressure and supports heavy machinery
- Creates safe, consistent access across the site
- Combats harsh conditions like dust, mud and constant use

WHY TREX WORKS FOR MINING OPERATIONS

Eliminate Erosion
Stabilizes high-traffic zones and prevents ongoing ground degradation.

Operational Efficiency
Reduces maintenance, improves access, and supports continuous workflow.

Sustainable Advantage
Manufactured from 100% recycled materials, supporting ESG targets.

Freight Optimized
Innovative nesting design reduces transport volume and ideal for remote sites

Proven Site versatility

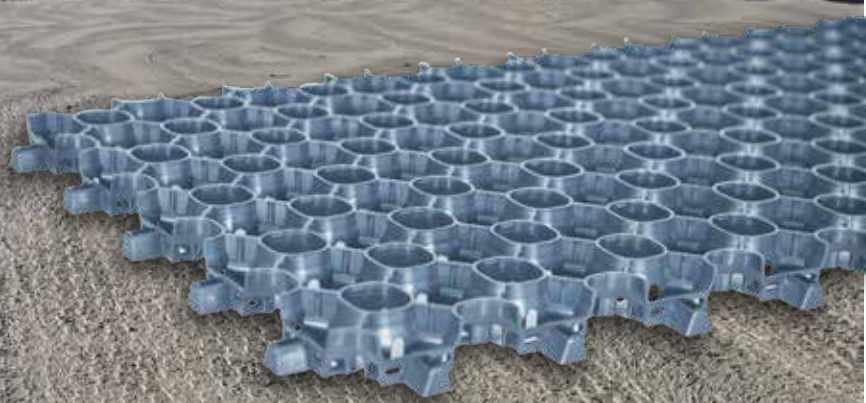
- Offices, camps, and carparks
- Laydown areas, warehouses, temporary workshops
- Haul roads and access tracks
- Under conveyor zones
- Entry and boom gate areas

TREX

www.trex.global

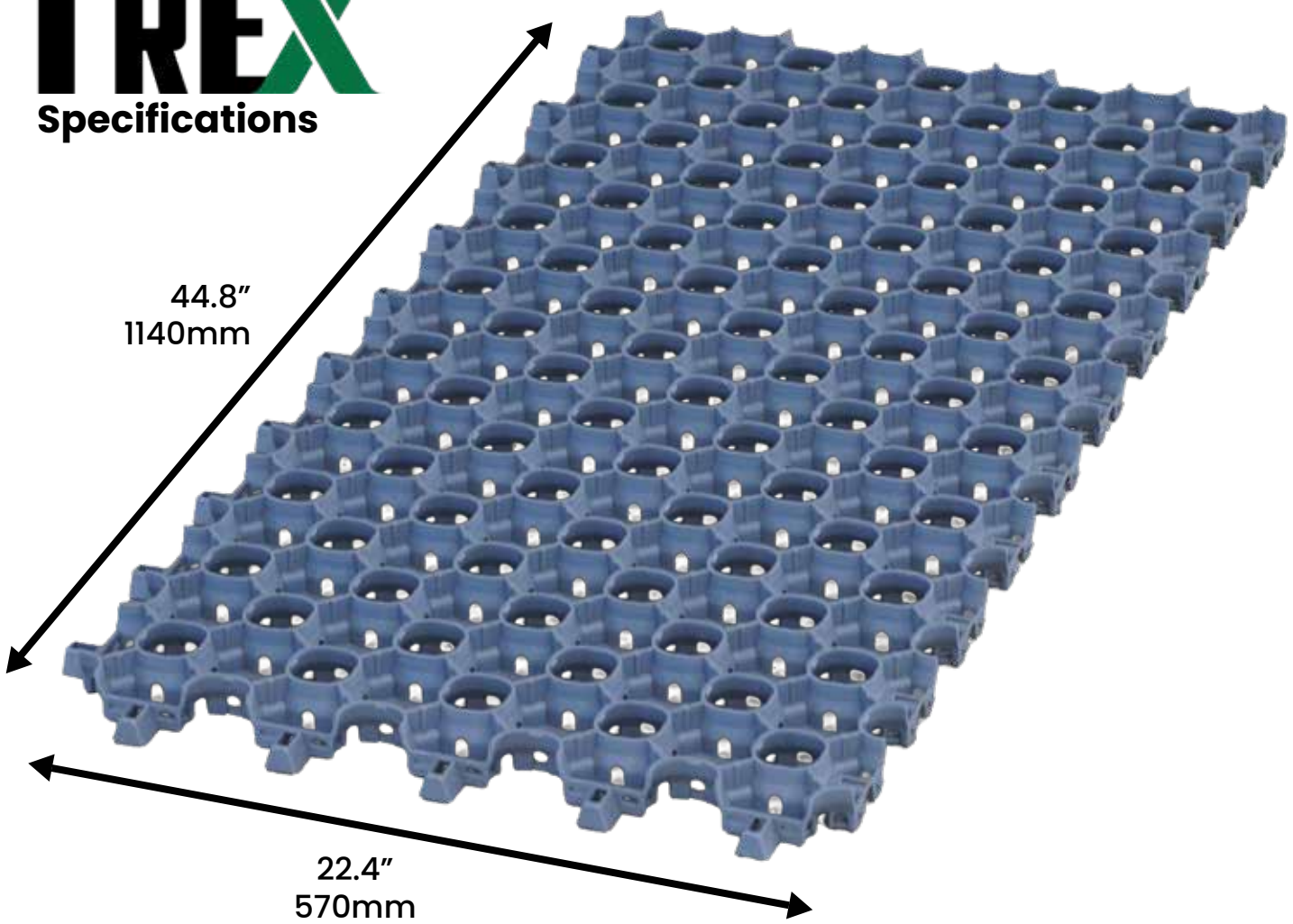
TREX

Engineered interlocking grid systems built to conquer extreme terrain-fast, durable, and ready for your toughest challenges.



www.trex.global

Specifications



Measurements	44.8” W x 22.4” L x 1.49” H - 1140mm W x 570mm L x 38mm H
Weight per grid	5.97 lbs - 2.7kg
Fill ratio	1 cubic yard of fill per 207.9 square feet - 1 cubic meter of fill per 28m2
Permeability	Up to 96%
Fill	Road base, gravel, pebbles, grass, soil, concrete, asphalt

Scan access
our technical
resources

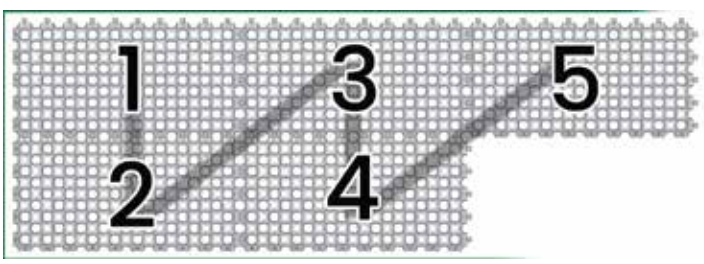
How it works

STEP 1: LEVEL & PREP GROUND
Clear area. Excavate to required depth. Level the ground (see comprehensive guide for subbase detail).

STEP 2: COMPACT
Use a hand tamper or compacting machine (roller) on the ground or subbase for a firm foundation.

STEP 3: INSTALL GRID (LOCK TOGETHER)
Start in one corner. Align grids and clip together with integrated locking tabs. Ensure all connections are secure.

Grid Pattern: 1, 2, 3, 4, 5 (TOP OF PATH)



STEP 4: FILL GRID
Fill the grid cells evenly with required aggregate (gravel) or soil for grass. Spread with loader or rake.

We support every stage of your project

- Project estimating & tender support
- CAD drawings & technical specifications
- Load testing data
- Consultation with engineers and planners

TREX
Shaping the future

Contact us today for your next building project

www.trex.global