

POLYGRIDS® by



TRANSFORMING INFRASTRUCTURE, Transforming Lives

Engineered for superior asphalt performance, POLYGRIDS® offers:

Enhanced Load Distribution:

Reinforces high-traffic and load-bearing zones.

Reduced Shear Risk:

Minimizes shear-related damage in asphalt layers.

Crack Resistance:

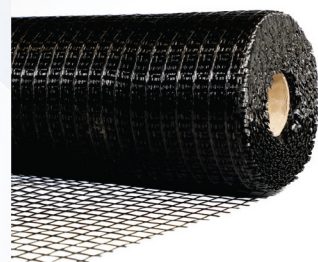
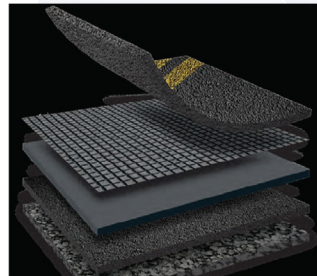
Extends pavement life by preventing reflective cracking.

High-Stress Performance:

Ideal for roads with frequent or heavy vehicle loads.

Cost-Efficient Maintenance:

Lowens repair cycles, saving time and resources.





POLYGRIDS® by

AXION
ADVANCE MATERIALS

Axion: Paving the Path to a Stronger India

Driven by the vision of a self-reliant India, Axion delivers cutting-edge solutions for one of the nation's most critical sectors — infrastructure.

Your Trusted Road Reinforcement Partner

We provide customized, **end-to-end** pavement reinforcement solutions under one roof — designed to address the root causes of road surface failure.



Our Approach

Problem Definition:

Pinpointing root causes of road deterioration.

Analysis & Simulation:

Modeling conditions to predict performance.

Design:

Engineering reinforcement-integrated pavement designs.

Manufacturing & Supply:

Delivering high-performance, durable materials.

Installation:

Ensuring on-ground effectiveness through proper application.

Disclaimer

Reinforcement is not a solution for all road problems

Our engineers supported by our data will validate the project-solution fit, that's our guarantee for your project

Our Reinforcement Solutions includes -

COATED POLYGRIDS®

High Strength & Flexibility

- Proprietary coating for durability and bonding.
- Ideal for pavement reinforcement of levelled asphalt surfaces

SELF-ADHESIVE POLYGRIDS®

Quick & Easy Installation

- Special glued bottom ensures effortless installation on levelled surfaces.

GEO-COMPOSITE POLYGRIDS®

Dual Function: Reinforcement + Waterproofing

- Combines woven grid with non-woven backing
- Perfect for milled surfaces

Let's
Connect



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