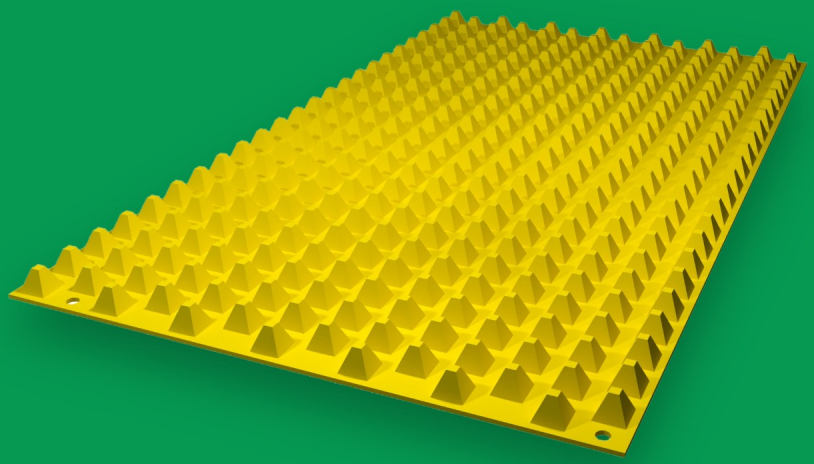
Ground Protect®
Your Mat. Your Brand.

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www.ground-protect.com
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TECHNICAL DATASHEET

FODS Trackout Control Mats

This is where the mud ends.
For clean entrances and exits at your construction site



191 kg	3.65 × 2.13 m	9.5 cm	30 min.	10+ years
Mat weight	Mat size (W × L)	Mat height	Installation time	Service life

TECHNICAL DATA

Mat dimensions	3.65 m (W) × 2.13 m (L) × 9.5 cm (H)
Pyramid height	7.3 cm
Mat weight	191 kg
Service life	over 10 years
Load capacity	more than 1,000,000 passes of a 36,000 kg vehicle
Installation	in less than 30 minutes
Cleaning	once the voids between the pyramids are filled with sediment up to 6.4 cm above the mat floor
Material	100 % recyclable HDPE
Mat layouts	GPSM 1×4, 2×4, 1×4T, 1×5T, 1×7T

YOUR BENEFITS

- Pyramids clean tires thoroughly through compression and expansion, without damaging them
- Staggered rows of pyramids effectively dislodge sediment, stones and dirt
- Dirt is captured in the floor of each mat and does not touch the tires of following vehicles
- Integrated ramp for smooth entry onto and exit from the mats
- Passenger cars can cross the mats without problems
- Easy to stack and to transport from site to site
- Improves regulatory compliance and prevents hazards on public roads
- Wheel wash systems are no longer needed
- Keeps airport airfields clean: no foreign objects in turbines, no damage to aircraft

60 %
Reduction in pollution from tracked-out soil

89 %
Reduction in maintenance effort at the site entrance

2 vs. 16+
Trucks per entrance for setup and removal compared to a stone entrance

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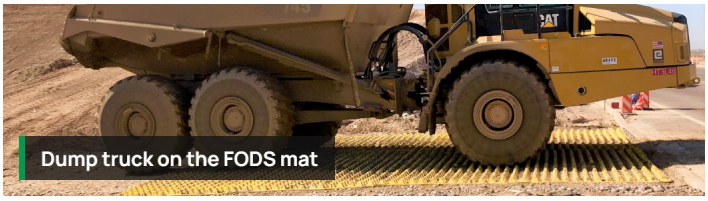
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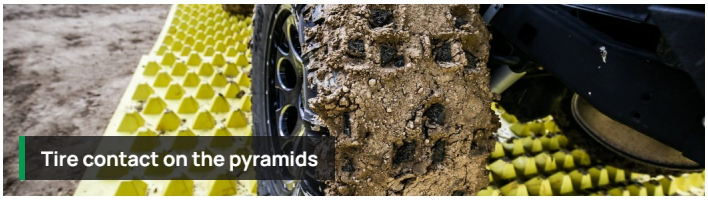
FODS TRACKOUT CONTROL MATS

In Use

Clean entrances and exits for your site: this is where the mud ends.


Installing the mats


Dump truck on the FODS mat


Tire contact on the pyramids


Accessories for installing and securing

FODS VS. TRADITIONAL CONSTRUCTION ENTRANCE

REUSABLE CONSTRUCTION ENTRANCE

- Avoid labor- and time-intensive processes on every project
- Designed for reuse and ease of use
- Withstands more than 1,000,000 passes of a 36,000 kg vehicle
- Service life of more than 10 years

TRADITIONAL CONSTRUCTION ENTRANCE

- Construction requires 80 to 100 tons of rock
- Fills with mud and must be restored with additional rock
- All contaminated water must then be taken to a landfill

THIRD-PARTY DATA

Harris County Flood Control District – Greens Bayou Project

	Total trucks	Avg. trucks per day	Total days	Repairs / refreshes required	Avg. repairs / refreshes per 30 days	Total street sweeping	Street sweeping per day
Rock entrance	9,391	168	56	9	4.82	254	4.57
FODS	20,354	167	122	1*	0.25*	227	1.86

–94.8 %
repair reduction

–59 %
street sweeping reduction

- More effectively cleaned tires
- FODS added as Preferred BMP (Best Management Practice)

*Repair = re-anchoring of the FODS trackout control mats.

CLEANING & MAINTENANCE

To ensure maximum system performance, the FODS trackout control mat should be inspected and maintained as needed. Clean the mats once the voids between the pyramids are filled with sediment up to 6.4 cm above the mat floor. Cleaning methods vary depending on ground type and available equipment.

CLEANING METHODS

- GP shovel
- Compact loader sweeper (enclosed sweeper for dust control)
- Street sweeper (requires an adjustable brush head)
- Pressure washer (must be watertight)
- Water tanker truck (must be able to pick up water)

INDUSTRIES

Building, civil & utility construction | Site entrances & exits | Road & bridge construction | Airports & airfields | General trackout prevention

FOR ANY TERRAIN

Slopes | Lawn | Landscaping | Can be laid and secured on any surface