FODS

THE MUD STOPS HERE

YOUR ENVIRONMENTAL TRACKOUT SOLUTION

GroundGuards®

Ground-Guards Ltd
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ABOUT FODS

FODS are an innovative and convenient new product that solves a major problem associated with our environment, and has great economical benefit to the customer! FODS effectively removes mud and sediment from vehicle tyres. Whenever a vehicle needs to enter a paved road from an unpaved site, FODS is your answer!

FODS MATS OFFER SUPERIOR BENEFITS

- Creates an instant construction entrance over virtually any type of surface including asphalt, concrete, turf, sand, mud, even ground, uneven ground, and similar
- Will not get clogged, be an eyesore, become embedded in soft ground
- Protects ground when placed on top of surface unlike conventional SCE's (Stabilized Construction Entrance)
- Easily transported from site to site
- Creates an easily recognisable entrance for vehicles to see day or night
- Superior alternative to rocks, shakers, steel plates
- Supports weights up to 80 tonnes
- Chemically resistant to acids, oils, brake fluid, etc.
- Easily cleaned and put back in service within minutes
- Made in the USA
- Easily stored when not being used
- 15 times more abrasion resistant than steel
- Years of reusable performance
- 100% recyclable

FODS mats are 100% recyclable, made in the USA, and can be reused for many years. Once cleaned off they do not transport contaminates to other sites. Mountainsides and hillsides are saved from being blasted from rock. FODS mats at end of use will not end up in landfills like rocks and similar methods. The ground is undisturbed while mats are being used, keeping soils in place from erosion. Each entrance installed with FODS will save 3 dump trucks worth of rock on initial install.

Ideal for construction, airports, government, military, oil and gas, roads and bridges, renewable energy, telecommunications, national parks, storm water, pipeline, utilities, mining, agriculture and more.

STABILISED CONSTRUCTION ENTRANCE

3658mm wide by 2134mm long of appropriate aggregate. Location where SCE is to be located needs to be excavated 150mm down in depth, a geotextile erosion control fabric placed down, with aggregate placed on top.

Individual jurisdictions have specifications that they require which can increase or decrease depth, width, length, size of aggregate, and similar. After SCE removal, topsoil must be added back to disturbed area, graded and re-seeded.

FODS MAT

- Mat size is 3658mm wide by 2134mm long and pyramids are 76mm tall
- Mats are connected together using hardware to achieve the required size to meet local jurisdictions specifications
- Mats can be anchored to asphalt, concrete, or directly to the dirt substrate
- Mats weigh approximately 195kg.
- Mats are FODS Yellow in Color
- Mats are made out of HMWPE (High Molecular Weight Polyethylene)

FODS

TOUGHER GROUND PROTECTION

FAQs

Q. WHAT IS FODS?
A. FODS stands for Foreign Object Debris System.

Q. WHY FODS?
A. The purpose and design of the FODS Trackout Control Mats are to effectively remove sediment from vehicle tires as they exit a disturbed land area onto a paved street.

Q. HOW DOES FODS WORK?
A. The FODS Trackout Control Mats help sediment control by deforming the tire, spreading the tire lugs apart, depositing the dirt, rock, mud, or other sediment onto the mat. Tire lugs and/or treads will make contact differently with the pyramids' various surfaces. As the tires roll across the mat, the pyramids will scrape, clean, deform, and wipe debris from the tires. Once the tires reach the street, they will be virtually clean from any material.

Q. WHAT ARE THE DIMENSIONS OF A SINGLE FODS MAT?
A. FODS mats are 3658mm wide x 2134mm long and weigh 195kg. The mats are easily stackable and will not exceed the width requirements for highway transportation.

Q. HOW DO I INSTALL FODS?
A. The FODS mats are transported to the construction site on a large truck or trailer. The mats will then be off loaded into place with a forklift or truck mounted boom or jib crane on the in situ soils. No excavation or disturbance of the existing soil is necessary. Once the mats are correctly situated in place, soil anchors can be installed through the mats to hold them into place. The Cable Earth Anchor or Form Stake can be manually torqued through pre-drilled holes in the FODS mat. We recommend providing a minimum of two anchors per mat.

Q. HOW MUCH WEIGHT CAN A FODS MAT WITHSTAND?
A. FODS Trackout Control Mats can handle nearly limitless weight. Due to its construction from High Density Polyethylene, each pyramid on the FODS mat has a crush rating of over 9 tonnes. The smallest passenger vehicle tire will disperse its weight across a minimum of four pyramids at all times and the larger tyres of a commercial vehicle with a rating of HS-25 will disperse their weight over a minimum of eight pyramids per tyre. FODS has proven performance with over 113 tonnes on a single mat.

Q. HOW CAN A FODS MAT BE CLEANED?
A. We recommend using a Skid-steer broom attachment or a FODS Shovel (specifically designed to scoop between pyramids). Other options include a Street Sweeper (requires adjusted bristle head), Pressure Washer (must have ability to contain water), or a Water Truck (must have ability to contain water).

Q. WHERE ARE GOOD PLACES TO INSTALL FODS?
A. Construction Sites, Airports, State and Local Governments, Agriculture, Forestry Access road, Oil/Gas, Energy, Telecommunication, and Mining are all in need of the FODS Trackout Control System every day.

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