



# FOD PREVENTION MAT

Aviation

Engineering Data Sheet

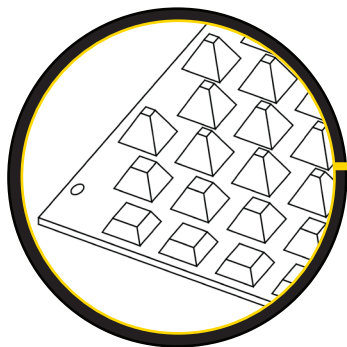
## FODS TCM MODEL #1100 APPLICATION

The FOD Prevention Mats for aviation are designed to be used as the first line of defense for landside to airside access points. Installing a FOD Prevention Mat System on access roads is a proactive technique to reduce and trap FOD before it poses a risk to the flight line. The surface of the FOD Prevention Mat is covered with pyramids that dislodge and clear FOD from the tire. The mats should be positioned with tapered and staggered pyramids parallel to the access point. FOD Prevention Mats are secured directly to concrete and asphalt roadways by anchors. Mats are connected together with hardware to form various configurations to fit any access point.

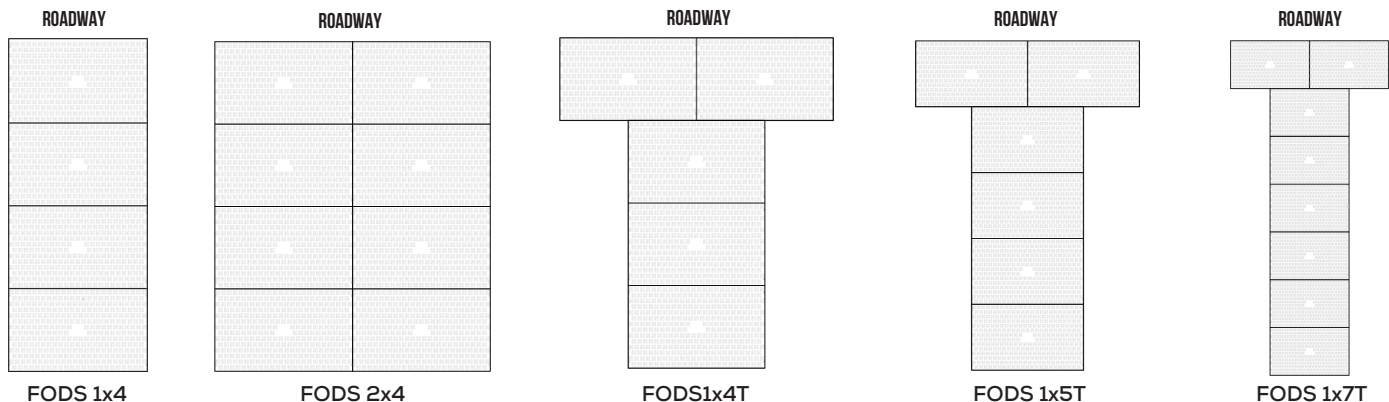
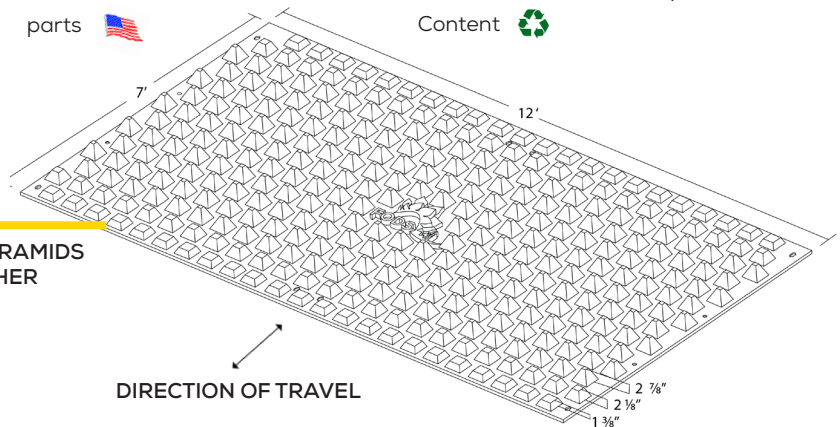


### FEATURES

- Reusable
- Extremely Durable
- Crush Rating of 20,000 lbs Per Pyramid
- Compression Molded HDPE
- Highly Visible
- UV Stable
- Made in the USA from USA parts
- Safe for Passenger Vehicles
- Easy and Efficient to Transport
- Mat Size: 12'(w) x 7'(l) x 3 3/4" (t) (2 7/8" Pyramid Height)
- 3 Year Manufacturer Warranty
  - Certification and Compliance
  - US Patent #US 8,061,927 B1
- 10% Post-Consumer Recycled Content



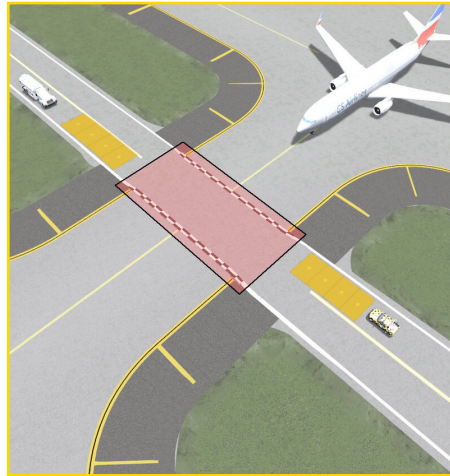
TAPERED PYRAMIDS FOR SMOOTHER TRANSITION







# FOD Prevention Mats – Engineering Data Sheet



## VEHICLE FOD HIGH RISK ZONE

Vehicles travel along external roads and highways and then enter the airfield access roads as they travel to the apron. This intersection of vehicles and aircraft traffic poses a risk for vehicles to track external FOD directly into the path of aircraft. FOD Prevention Mats should be placed so that vehicles' tires are cleaned before entering high risk zones. When FOD Prevention Mats are installed on Access Roads as part of FOD Prevention Plans, all airport operations immediately benefit from the FOD prevention measure. No additional training is required for workers to utilize the mats.



## FODS ANCHORING SYSTEMS

- Form-Stakes (18" or 24")
- FODS Round Head Form Stake
- FODS Heavy Duty Screw Anchor
- Concrete Sleeve Anchor (asphalt)
- Suitable Anchor for Concrete or Asphalt Substrate



## WARNINGS

- Do not drag metal equipment across mats.
- Do not use mats for bridging.



## CLEANING / MAINTENANCE

Mats should be cleaned once 2.5" of sediment has built up in the lane of travel.

- Skid-Steer Broom Attachment
- FODS Shovel
- Street Sweeper (requires adjustable bristle head)
- Pressure Washer
- Water Truck

**\*\*\*Before using earth anchors, call 811 for locates to mark underground utilities\*\*\***





**Know what's below.  
Call before you dig.**