



STATE OF WASHINGTON  
**DEPARTMENT OF ECOLOGY**

PO Box 47600, Olympia, WA 98504-7600 • 360-407-6000

August 19, 2024

Asa Harris  
Signature Systems  
1201 Lakeside Parkway  
Suite 150  
Flower Mound, TX 75028

Re: Diamond Track Environmental Trackout Mats

Dear Asa Harris

The Washington State Department of Ecology (Ecology) finds that contractors may use the Diamond Track Trackout Mats as a temporary erosion control mechanism. These mats must adhere to the guidelines of BMP C105: Stabilized Construction Entrance, found in Volume II of the 2024 Stormwater Management Manual for Western Washington or BMP C105E as found in Chapter 7.4.1 of the 2024 Stormwater Management Manual for Eastern Washington. The design requirements should adhere to the minimum length and width requirements of BMP C105. Follow manufacturer guidelines for installation.

Contractors may use Diamond Track Trackout Mats at project sites without seeking additional Ecology approval. However, Ecology cannot endorse this product or its manufacturer.

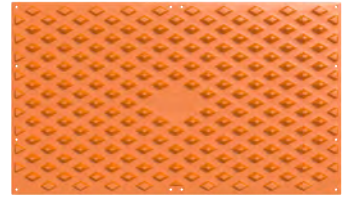
For more information contact please contact me at (360) 870-0983 or at [douglas.howie@ecy.wa.gov](mailto:douglas.howie@ecy.wa.gov).

Sincerely

Douglas C. Howie, P.E.  
Senior Stormwater Engineer  
Water Quality Program

Cc: Carla Melisi, TAPE Technical Lead





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|--------------------------------|---|
| <b>MODULE SIZE</b>             | <b>ACTUAL</b><br>7' L x 12' W x 3.75" H (84 ft <sup>2</sup> ) – diamond height 2.875"<br>2.13 m x 3.66 m x 9.53 cm (7.80 m <sup>2</sup> ) – diamond height 7.30 cm                                  |
| <b>WEIGHT</b>                  | 435 lbs (197.3 kg)  |
| <b>COLOR</b>                   | Orange  |
| <b>MATERIAL</b>                | High-Density Polyethylene (HDPE) with special impact modifiers that incorporate UV resistance and anti-static properties  |
| <b>WEIGHT LOADING</b>          | Ultimate crush strength of 45,000 lbs per diamond feature rating of 800 psi, depending on subsurface conditions   |
| <b>FLAMMABILITY RESISTANCE</b> | UL94HB  |
| <b>CONNECTION SYSTEM</b>       | Mats connect using double stud plates and four stud plates<br>Anchoring options are available   |
| <b>FREIGHT INFO</b>            | U.S. standard 48 ft. flatbed truck: 104 mats (8 mats per bundle)<br>UK European trucks: Upwards of 100 mats<br>40 ft ISO shipping container: Up to 96 mats<br>20 ft ISO shipping container: 34 mats |

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