

Product Evaluation

RE: Review of RoadQuake 2F Folding Temporary Portable Rumble Strip

PRODUCT

The RoadQuake 2F Folding Temporary Portable Rumble Strip is manufactured by Plastic Safety Systems located in Cleveland Ohio and distributed by Alberta Traffic Supply located in Edmonton, Alberta.

VENDOR CLAIMS AND INFORMATION

CLAIMS

The RoadQuake 2F is a new innovative product to help alert drivers to changing road conditions, reduce accidents and save lives. RoadQuake 2F is ideal for work zones where daily installation and removal of the work zone is frequently required. The main difference between the RoadQuake 2 is that the RoadQuake 2F includes a patented hinge allowing for a convenient one piece folding design. Product Web site: <http://plasticsafety.com/Products/Rumble-Strips/RoadQuake-2F-Rumble-Strip/585.aspx>

DESCRIPTION

RoadQuake 2F is a heavy plastic polymer material. RoadQuake 2F is 132" long when unfolded, it folds to a compact 66" length and weighs 110 pounds; the cross section is 13" wide and 3/4" thick. Ergonomic handles make installation and storage easy. RoadQuake 2F is made of 60% recycled material by weight.

POTENTIAL USAGE

RoadQuake 2F installs in minutes, no tools or equipment is needed for assembly and can be installed with a crew of 2 people. RoadQuake 2F is durable with a 3 to 5 year life under normal conditions and is suitable in rain and colder temperatures.

STANDARDS

RoadQuake 2F meets several state agency requirements and is currently being reviewed by these agencies.

ALBERTA TRANSPORTATION COMMENTS

EXPERIENCE

Alberta Transportation has no experience with the use of this product.

APPLICABLE STANDARDS

The Alberta Transportation Specification for Traffic Accommodation and Temporary Signing is as follows:
Standard Specification for Highway Construction, Specification 7.1 Traffic Accommodation and Temporary Signing.

RECOMMENDATIONS

The RoadQuake 2F Folding Temporary Portable Rumble Strip be listed as a Potential Product under Alberta Transportation Products List, Traffic Control Devices – Workzone Traffic Control – Proprietary, based on the information provided. Final acceptance as a proven product will be based on field performance.

TRIAL PROJECTS



cc Government
Innovation Evaluation Group – Abid Malik
Corinna Mulyk/Jim Poole/Jim Gavin/Bill Kenny

Product ID: 8282-11
Initiation Date: March 2014
Revision Date: April 22, 2014
Expiry Date: April 2017