

Product Evaluation

RE: Review of Type FR-2 Flex-Rail Guardrail Marker

PRODUCT

The high impact guardrail mount reflector/marker is manufactured by Highway AKT Corporation located in Wauwatosa, Wisconsin and distributed by Roadside Supply Ltd. Located in Sherwood Park, Alberta.

VENDOR CLAIMS AND INFORMATION

CLAIMS

The FR-2 Flex-Rail Guardrail Markers are designed to increase the visibility of guardrails. The reflectors/markers are designed to retain their original shape after being hit repeatedly. Product web link - <http://www.aktinc.com/>

DESCRIPTION

The FR-2 Flex –Rail Guardrail Markers body is made of rigid PVC with co-extruded 80 durometer polyurethane. The delineators incorporate 3M reflective sheeting.

POTENTIAL USAGE

The FR-2 Flex-Rail Guardrail Markers are used on steel spacer blocks which slip over the steel and is secured using adhesive cement. These products are currently being used throughout several states.

STANDARDS

ASTM D638, D256 and D790.

ALBERTA TRANSPORTATION COMMENTS

EXPERIENCE

Alberta Transportation uses a reflective strip for guardrail post delineation conforming to Standard Specifications for Highway Construction, Specification 2.19 Guardrail and Guide Posts.

APPLICATION STANDARDS

The Alberta Transportation Specification for guardrail and guide post delineation is as follows:
Standard Specification for Highway Construction, Specification 2.19 Guardrail and Guide Posts

RECOMMENDATIONS

Type FR-2 Flex-Rail Guardrail Markers should be listed as Proven Products under Alberta Transportation's Products List, Traffic Control Devices – Barrier Mounted Delineators – Proprietary based on the information provided.

TRIAL PROJECTS

Hwy 55 from La Corey to Hwy 892 (installed in 2006)
Hwy 2:68 at Dunvegan

Joe Filice

cc New Product Evaluation Standing Committee – Roger Skirrow
Richard Chow
Steve Otto