

Product Evaluation

RE: Kalifix Breakaway Small Sign Support System

PRODUCT

The Kalifix Breakaway Small Sign Support System is manufactured and distributed by Kalitec Innovative Signage located in Laval, Quebec.

VENDOR CLAIMS AND INFORMATION

CLAIMS

The Kalifix Breakaway Small Sign Support System always remain upright and require little maintenance due to its advanced technological features that help minimize labor and parts. The Kalifix Sign Post System features an elliptical shape for increased strength and anti-rotation.

The upright pin assembly is the heart of the Kalifix System. The pins break upon impact to prevent damage to the post, reducing replacement costs. Impacted post can be bent back to vertical until you have time to replace it. The pins can be easily replaced in seconds by means of two stainless steel screws. Product Web link – <http://www.kalitec.com/tablet/kalifix-technology-ministry.html?deviceclock=tablet>

DESCRIPTION

The Kalifix Breakaway Small Sign Support System has three main components:

Post – 50mm elliptical cross section steel tube of variable length, coated with high quality polyester powder paint

Anchor – Prepared square steel tube of variable length, with a hot dip galvanized elliptical receptacle to accommodate the pin

Pin – Made of cast aluminum alloy and hot dip galvanized steel

The Kalifix Sign Post System meets NCHRP Report 350 requirements in all aspects.

POTENTIAL USAGE

The Kalifix Breakaway Small Sign Support System is ideal as a sign support system. The Kalifix system saves both time and money, especially when repairing a damaged unit, since only the pin needs to be changed not the entire unit. Kalitec backs its product with a 25 year warranty against rust perforation.

STANDARDS

NCHRP Report 350

ALBERTA TRANSPORTATION COMMENTS

EXPERIENCE

AT has no experience with this product.

APPLICABLE STANDARDS

The Alberta Transportation specification for Highway Signs is as follows:

- Alberta Transportation Specification 5.18, Supply of Permanent Highway Signs, Posts and Bases

RECOMMENDATIONS

Kalifix Breakaway Small Sign Support System be listed as Potential Product under Alberta Transportation Products List, Signs and Supports – Breakaway Steel – Proprietary, based on the information provided. Final acceptance as a proven product will be based on field performance.

TRIAL PROJECTS

Joe Filice

cc New Product Evaluation Standing Committee – Roger Skirrow
James Poole/Bill Kenny/Jim Gavin