

kalitec

Signalisation Kalitec inc.
1.888.788.4747
info@kalitec.com
www.kalitec.com

KALITEC TECHNOLOGY :

Kalifix™

Kalifix™ is a secure signage support at the heart of Kalitec technology designed to protect structures and facilitate their return to service after a collision.



BENEFITS



Ecological and economical

The high-performance and corrosion-resistant materials increase its lifespan in addition to being 90% reusable after an impact and 100% recyclable.



Easy setup

Installation or replacement of the damaged pin is done quickly by one person in all types of soil.



Increased security

Made in Quebec and L6X approved by the Quebec Ministry of Transport, the structure yielding under impact protects road users better than non-weakened systems.



Guaranteed durability

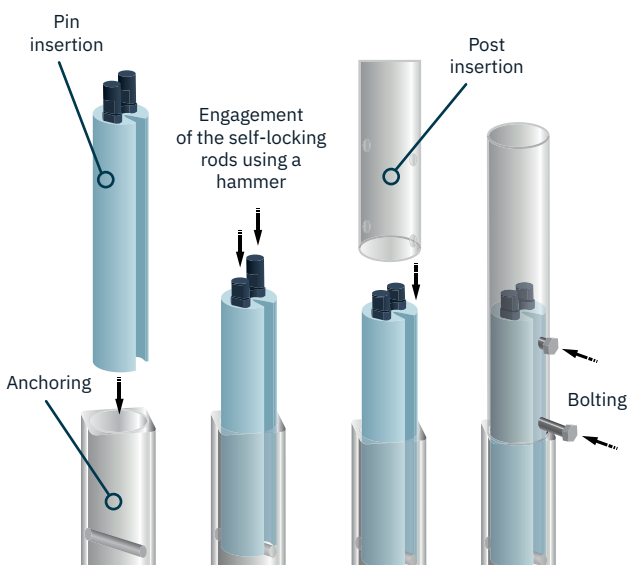
The 25-year limited warranty applies to the 3 elements of the Kalifix™ system including the post, the anchor and the pin.

HOW IT WORKS ?

Equipped with two flexible steel rods, the pin connecting the post to their anchor is designed to yield when the post is damaged and allows it to be temporarily straightened following a low-speed impact.

MORE THAN 3000 POLES INSTALLED IN QUEBEC

Installation

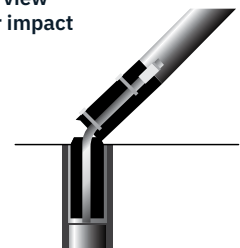


Technical specifications

Front view



Side view after impact



Elliptical piece in aluminum alloy painted black
Dimensions: 43 mm (1.7 in) x 48 mm (1.9 in) x 229 mm (9 in) long
2 steel rods painted with a zinc primer held in place by an aluminum block
2 bolts 9.6 mm (0.375 in) x 38 mm (1.5 in) stainless steel

Capacity (strong axis) : (Mr)

1,96 kN m
1445 FT lbf

Failure property under impact:

NCHRP 350 Compliant
Tests carried out at 35 and 100 km/h
Breakage on 3600
Class: by bending

After 10 years of research and development in collaboration with municipalities and the Ministry of Transport, Kalifix™ technology entered the market in 1996. Kalifix™ was able to meet the objective of creating an eco-responsible, durable and economical product.