

LACROIX City traffic signs business unit,  
urban and road signage



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CONNECTED  
TECHNOLOGIES  
FOR **SMARTER**  
**MOBILITY**



- + PATENTED INTELLIGENT DESIGN
- + HIGH ENERGY ABSORPTION
- + CITIES AND ROADS

PASSIVE SAFETY EQUIPMENT FOR ALL



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CERTIFIED CE - NF



# A REVOLUTION FOR SECURING YOUR ROAD NETWORK

## THE UNIQUE HIGH ENERGY ABSORPTION SIGN SUPPORT (50 HE) ON THE MARKET

Mx4 adapts its collapse mode depending on the impact speed of the vehicle.

### IN CITY

#### 50 HE 3

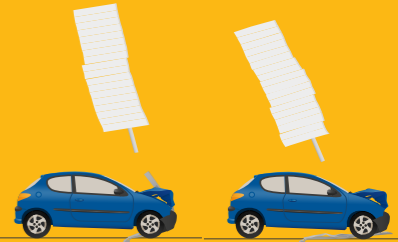
at 50 km/h, the support curbs the vehicle. Occupants and users close to the crash (on the pavement or cycle lane) are protected.



### ON ROAD

#### 100 NE 2

at 100 km/h, the support is distorted and breaks away. The impact is minimized for the vehicle occupants, safety is improved for other vehicles close to the crash.



## UNIQUE, INNOVATIVE, SMART DESIGN



### 360° PASSIVE SAFETY

- Identical collapse mode regardless of the angle and height of the impact



### 100% COMPATIBLE

- Compatible with all types of concrete foundations, anchoring bolts and standardized sign fasteners
- Easy retrofit: existing extensions and road signs can be reused



### 0 MAINTENANCE

- Easy to maintain (easier to mow around)
- No annual inspection required
- Safer working conditions for maintenance staff



### 100% COMPLIANT

- Certified CE
  - NF EN 12767
  - NF EN 12899-1
- Standard XP P98-531



### PROVEN PERFORMANCE

- Designed and made in France
- Mx4 has received the Label of Excellence award from the French Institute of Design
- Over 2000 Mx4 units are already installed in Europe



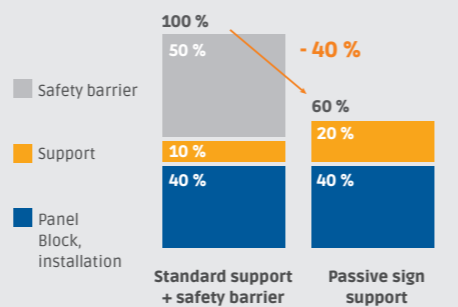
## KEEPING COSTS DOWN

Compared with a standard support:

- In terms of initial investment, a passive sign support costs more than the standard alternative
- Nevertheless, removing the need for a safety barrier means considerable savings on the overall equipment and installation costs
- Maintenance costs are also greatly reduced

Source: Customer feedback from the road safety and lateral object management day (DGITM, DSCR and SER) held on 29th June 2016

## Cost Comparison Equipment + Installation (% total value)



## INVESTING IN PASSIVE SAFETY EQUIPMENT = SAVING LIVES

Passive sign supports offer major benefits in terms of road safety performance:

- As from 30 km/h, colliding with an obstacle can be fatal
- They represent a practical alternative to safety barriers, which are costly, require regular maintenance and finally are not really safer
- Passive sign supports are a step forward for road safety, easy to install and affordable

\* Figures: ONISR 2015

## VIDEO

Watch the Mx4 crash tests:



WWW.SECURITEPASSIVE.FR