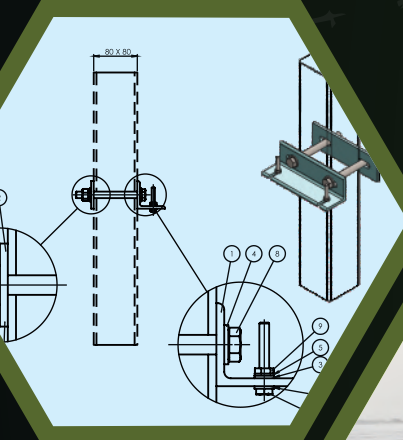




ABNT  
15486

# ecoposte®



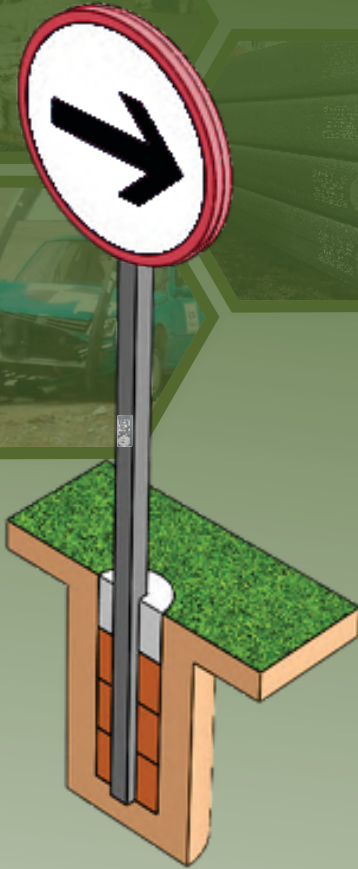
@ecoposte  
in  
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**CERTIFIED SAFETY,**  
A SECOND CHANCE AT LIFE.

 [www.ecoposte.com](http://www.ecoposte.com)

Associate:





The **EcoPoste** is a **support technology for road** signs that acts as a safety device in case of collision. This system was developed to offer a safe and sustainable alternative to traditional wooden and steel posts, being manufactured with 100% recycled plastic material. The EcoPoste is a highly certified product, featuring the **CE mark - for European quality**, the **ABNT Green Seal**, and the **Low CO2 Emission Seal**. The EcoPoste's main purpose is to offer lasting and ecological safety. It is a device that, in case of collisions, saves lives and preserves the environment.



**SAFETY FIRST:**  
A product that ensures **physical and legal safety** for your roads.

- ✓ **Low ASI and THIV indexes** - lower impact severity.
- ✓ **No risk** of penetration into the driver's cab.
- ✓ **Does not cause** vehicle destabilization after impact.



The company that rehearses products and situations the most:  
**14 Official Tests and Over 50 Pre-Tests**



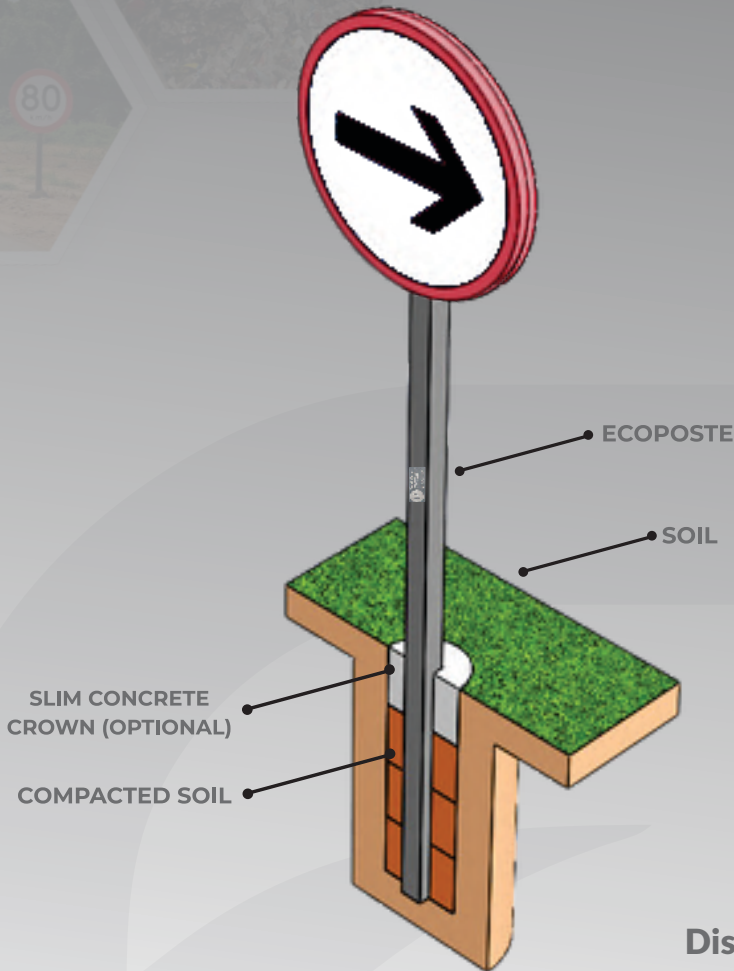
5th Year of Quality System  
Audit by the European  
Community Commission

**THE FIRST COMPANY IN THE WORLD TO DEVELOP A SUSTAINABLE PASSIVE SAFETY DEVICE.**

**THE FIRST COMPANY IN THE WORLD TO DEVELOP A SUSTAINABLE PASSIVE SAFETY DEVICE.**



# Simple Installation



**Dispenses the use of barriers for exclusive protection of signs.**

Saves 48 meters of guardrail and impact absorber terminal, according to International Standards and ABNT 15486. This reduces installation and maintenance costs, as well as occupying less space on the roads.



## High Durability

Although it is a device designed for passive safety, the EcoPoste is highly resistant to natural wear and weather conditions.



## Low Maintenance

Due to its resistance and longevity, the EcoPoste offers a low total cost of ownership over time, saving on maintenance and replacement costs. With an estimated durability of 20 years.



## Resistance to Low Temperatures

The EcoPoste is capable of withstanding temperatures below 0°C, preventing it from becoming brittle or losing its impact-absorbing capacity.



## Resistance to High Temperatures

Its heat-resistant composition ensures that the EcoPoste maintains its structural integrity even in hot climates and under direct sunlight.

## Official Tests Spreadsheet



AGO 2018	CSI MILAN	FULL CRASH TEST CE	4	APPROVAL	VERTICAL TRAFFIC SIGNAL POSTS
NOV 2018	CSI MILAN	PLATE HEIGHT SUITABILITY TEST	1	APPROVAL	VERTICAL SIGNAL POSTS
APR 2022	CSI MILAN	FULL CRASH TEST CE	5	APPROVAL	VERTICAL SIGNAL POSTS (1.0m), EQUIPMENT AND LIGHTING
NOV 2022	CSI MILAN	FULL CRASH TEST CE	2	APPROVAL	LIGHTING POSTS
OUT 2023	CSI MILAN	FULL CRASH TEST CE	4	APPROVAL	VERTICAL TRAFFIC SIGNAL POSTS (1.0m)

## Pre-Testing Spreadsheet



DEZ 2015	KARCO USA	PRE TEST 35km/h	2 POSITIVE	VERTICAL TRAFFIC SIGNAL POSTS
MAR 2016	KARCO USA	PRE TEST 100km/h	2 POSITIVE	VERTICAL SIGNAL POSTS
AGO 2016	SMARTTECH BRAZIL	PRE TEST 35km/h	5 POSITIVE	VERTICAL SIGNAL POSTS AND LIGHTING.
MAI 2017	SMARTTECH BRAZIL	PULL-OUT TESTS	4 POSITIVE	FIXING PULL-OUT TESTS
AGO 2017	SMARTTECH BRAZIL	PRE TEST 35km/h	7 POSITIVE	VERTICAL SIGNAL POSTS AND LIGHTING
OUT 2020	ECOPOSTE TEST TRACK	PRE TEST 35km/h	4 POSITIVE	LIGHTING POSTS AND EQUIPMENT (RADAR)
OUT 2021	ECOPOSTE TEST TRACK	PRE TEST 35km/h	5 POSITIVE	FOUNDATIONS FOR VERTICAL SIGNAL POSTS AND EQUIPMENT
JUL 2021	ECOPOSTE TEST TRACK	PRE TEST 35km/h	6 POSITIVE	VERTICAL TRAFFIC SIGNAL POSTS (VARIOUS FIXINGS) AND EQUIPMENT
OUT 2022	KARCO USA	FOUNDATION	2 APPROVAL	VALIDATION OF THE FOUNDATION BACKFILLING ASSTHO MANUAL
JAN 2022	INTERLAGOS BRAZIL	PRE TEST 100km/h MASH	1 APPROVAL	VERTICAL TRAFFIC SIGNAL POSTS



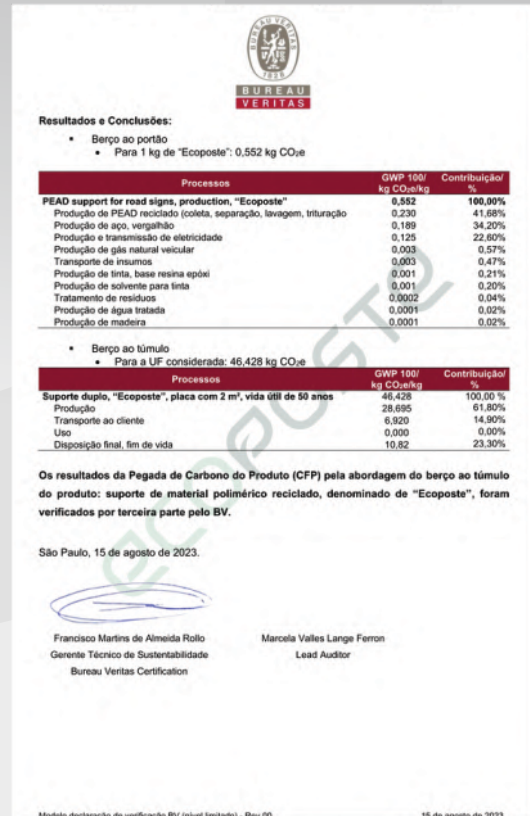
### SEAL CE



### SEAL GREEN ABNT



### SEAL BV CARBON FOOTPRINT



### SEAL BV CARBON FOOTPRINT

# ecoposte®

True Sustainability



The EcoPoste production process ensures the full utilization of its raw materials, from the acquisition of recycled materials to manufacturing. By using reused water in its manufacturing process, it evaporates at all stages, and no residue is dumped into stormwater drains. As a result, all resource use is controlled according to the strictest sustainability principles.



Recognition worldwide by more than 60 entities. The ABNT Green Seal is a symbol of quality and sustainability in products and services.



The Bureau Veritas carbon footprint seal is internationally recognized, ensuring an eco-efficient product against greenhouse gas emissions.\*

- ♻️ We recycle around 15 tons of plastic daily.
- ♻️ Total control of water and electricity in our manufacturing process.
- ♻️ No waste or leftover is wasted in manufacturing.
- ♻️ Replacement of products that consume natural resources with



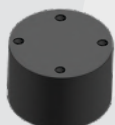
\* Information from Nov. 2023

The EcoPoste is present on several continents, offering a variety of dimensions and sizes to meet a wide range of signs, utilities, and also for various weather conditions.

## ECOPOSTE CLASSIFICATION AND INSTALLATION TABLE

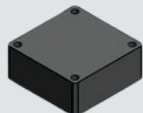
DIAMETER / CENTIMETER	INSTALLATION			TYPE	CLASSIFICATION EN12767:2019
	SINGLE	M 1,60 e >	M < 1,60		
60mm	●	●	●	CYLINDRICAL	100 - NE - C - X - SE - MD - 0
76mm	●	●	●	CYLINDRICAL	100 - NE - C - X - SE - MD - 0
50x50mm	●	N/D	N/D	SQUARED	100 - NE - C - X - SE - MD - 0
80x80mm	●	●	●	SQUARED	100 - NE - C - X - SE - MD - 0
100x100mm	●	●	●	SQUARED	100 - NE - C - X - SE - MD - 0
100x100mm	●	●	●	SQUARED	100 - LE - C - X - SE - MD - 0
100x100mm	●	●	●	SQUARED	100 - LE - C - X - SE - MD - 0
120x120mm	●	●	N/D	SQUARED	100 - LE - E - X - SE - MD - 1
70x150mm	●	●	●	RECTANGULAR	100 - NE - C - X - SE - MD - 0
70x150mm	●	●	●	RECTANGULAR	100 - HE - C - X - SE - MD - 0

\*SINGLE - Single posts \* (>) - Distance 'Greater than'  
\*M - Multiple posts \* (<) - Distance 'Less than'



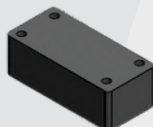
### Family Cylindrical

60 e 76mm



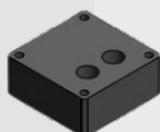
### Family Squared

55 x 55 / 80x80 / 100x100 / 120x120 mm



### Family Rectangular

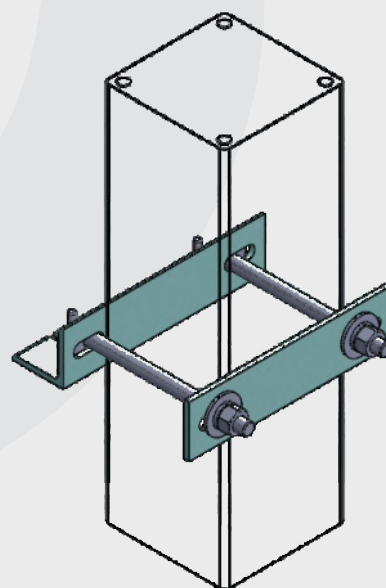
60 x 80 / 70 x 100 e 70 x 150 mm



### Utility Family - Radar

80 x 80 / 100 x 100 / 120 x 120 mm

With internal aluminum tubes for cable passage.



**CERTIFIED FIXATION  
ECOPOSTE**

# ECOPOSTE®

ECOPOSTE PELO MUNDO



+ DE 400.000 POSTE  
INSTALADOS NO BRASIL  
E COM

**0** VÍTIMAS



HOLANDA



REINO UNIDO



URUGUAI

Presença em projetos rodoviários e nos municípios de Amsterdam e Rotterdam, entre outros como ponta de linha em sustentabilidade.



CANADA



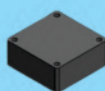
HOLANDA



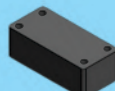
COSTA RICA



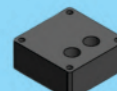
Rendondos



Quadrados



Retangulares



Utilitários

Radares, Wifi ou qualquer  
necessidade de fiação interna



Presentes em  
**Todo Globo**