

Aluminium LE passive safe columns

- Fully certified and endorsed by a Notified Body
- Sustainable



Low-energy (LE) absorbing columns create forgiving roads

Low-energy (LE) absorbing columns are generally designed to bend in front of and under the impacting vehicle before shearing or detaching toward the end of the impact.

LE poles often naturally exhibit passive safety qualities and require no extra engineered solutions.

In compliance with standards and regulations:

- Design in accordance with the European standard EN40-6
- Calculations according to the European regulations EN40-3-3
- Passively safe according to EN 12767 – see certificate EN40

Available passive safe classifications:

- 100LE3
- 100LE2
- 100LE1

Bracket options (see PDSEN32.02.001.r01):

- Fixed brackets
- Brackets with invisible joint
- Brackets with cast piece

Installation options:

- Planted in the ground

LE passive safe columns

LE columns, conical and cylindrical stepped available from 8 up to 12m

Height (in m)	Base diameter x Wall thickness (in mm)	Length ground piece* (in mm)	Foundation type	Passive safe classification
8 - 12	200 x 3.3	1700	Soil or Rigid	100LE3
10	226 x 3.3	2000	Soil or Rigid	100LE2
12	200 x 4.0	1700	Soil or Rigid	100LE1

* Length ground piece differs per country, depending on the applicable standard

Technical characteristics:

- Seamless tube made of aluminium extrusion;
- Alloy EN AW6060 T66;
- 100% recyclable;
- Flush fitting door with 2 triangular locks;
- Welded reinforcement profile at the inside of the door section, complete with mounting rail with 2x M6 slip nuts + 1x M8 earth nut;
- Ground piece protected with corrosion protective tape (color grey or black);
- Optional ground level protector (see PDSSEN.37.02.001.r01);
- Cable entry slot incl. protection cap;
- Surface brushed finish, optional electrostatic powder coating or anodized.

Hydro is not liable for incomplete or incorrect information provided on this product sheet.