

# Certification of industrial protective helmets

## Evolution of the European standard EN397:2025

The European standard EN397 is mandatory for CE marking of industrial protective helmets.
The latest version was published in 2025.

| Old version | New version 2025 |
|---|---|
| No definition of helmet types | 2 types of helmets: 1. protection against impacts on-crown 2. protection against impacts on-crown and off-crown |
| Helmet positioning during the tests: good laboratory pratice | Helmet mounted in accordance with the Helmet Positioning Index given by the manufacturer |
| Use of a single “headform” for testing | Use of the smallest and largest headform for testing |
| Consideration of the height of fall | Consideration of the speed of fall |
| Dimensional requirements (vertical clearance...) | Ergonomic requirement (helmet evaluation by a test subject) |
| Flame resistance (contact with flame) | Resistance to ignition (contact with a heated rod) |
| Chin strap release between 150N and 250N | Chin strape rupture: helmet type 1 : more than 150N helmet type 2 : more than 500N |

## New !

**New special application requirements :**

- Off-crown penetration
- Enhanced visibility in daylight and dark conditions
- Electrostatic properties

**Removal of lateral deformation tests**

## In bref

**Helmets certified according to the old standard** can be compliant with Type 1 by retesting.

**Certification of helmets** type 2 requires a new design by the manufacturer.

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Electrically insultating helmets (EN50395)
Helmets for mountaineers (EN12492)

## Any questions ? Please contact us !

**Our Apave team dedicated to PPE certification is here to support you**

Learn more about PPE certification :

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