

SOFTSTOP® IS HIGHLY VERSATILE

- **Easy Installation**

Softstop® is easy to mount with concrete screws

- **Instantly operational**

In contrast to traditional systems, concrete screws do not require chemical anchors. Once installed, Softstop® is immediately ready for use and impact absorption.

- **Wide range of applications**

Softstop® is successfully used in all industrial environments, logistical sites and traffic.

- **Modular and expandable**

With Softstop® L, T and cross-shaped tubular joints you can easily configure U-shaped protection brackets, safety railings, protection buffers and fences and even guard rail systems. The joints are made of the same tough nodular cast iron (GGG40.3) as Softstop® bases.

- **Inspection without disassembly**

All Softstop® parts are visible, so no disassembly is necessary for inspection.



SOFTSTOP®

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CONTACT

Do you have questions or comments about Softstop® protection systems?
Would you like to receive an offer with no obligation?

Then contact us!

We guarantee a prompt response to your request.

SOFTSTOP®
DYNAMIC IMPACT PROTECTION SYSTEM
FOR TRIPLE SECURITY!

Belgian Patent No. 1018316A3
European Pat. Applic. Pending

Rigid fixed protection bollards and concrete structures, still often cause unnecessary damage to vehicles, the bollards themselves or even the objects that need protection. Thanks to the Softstop® dynamic protection system you can easily avoid this now. What's more, Softstop® drastically reduces your costs, because the risk of accidents causing material damage or personal injury is reduced.

WHAT IS SOFTSTOP®?

Softstop® is an **energy absorbing protection system** which protects vehicles, objects, persons or structures against damage caused by collision or impact. Softstop gives slightly on impact, absorbing the energy of the collision, which an ordinary system is unable to do. **The difference in impact is impressive.** The system consists of one or more bases on which tubular bollards or brackets can be mounted.

UNIQUE TRIPLE PROTECTION



The Softstop® protection system limits damage and possible personal injury to an absolute minimum, thanks to its triple protection:

- **Protection of drivers and their vehicles:** Drivers who collide with Softstop® have a "soft landing". The chances of driver injury or vehicle damage are reduced because the protection system gently gives.
- **Protection of the object/structure needing protection:** Softstop® is installed at a certain distance from the object/structure that needs to be protected and only moves to a limited extent. As a result, Softstop® never comes in contact with the protected object, so the chances of damaging it are minimized. Protection can be guaranteed for objects, vehicles, building structures and personnel.
- **Protection of the actual Softstop® system:** Softstop® continues to absorb impact, time after time. In the unlikely event the object needing protection has been hit and damaged, the damage is always visible. When using plastic protection systems, damage to the protection system or the object is often not visible after impact. These systems weaken with each impact. This means they have to be inspected more frequently and replaced faster. But Softstop® will not be damaged by a collision and continues to absorb shocks time after time.

WANT TO KNOW MORE?

VISIT WWW.SOFTSTOP.BE

WHY CHOOSE SOFTSTOP®?

Because Softstop® reduces your costs.

- Softstop® gives slightly, so braking distances are increased and the impact of a collision is reduced, time after time. The risk of work-related injuries decreases, which means **fewer cases of injury-related absenteeism; unnecessary administrative costs can be avoided.**
- **Labour-related injuries and stoppages** are expensive. Softstop® helps you save money by reducing the risk of accidents and cost of damage. **So make sure you include Softstop® in your risk analysis!**
- Softstop® is the only protection system that offers you **calculated safety** in function of mass and velocity.

TÜV Rheinland TNO Automotive International TAI

- Softstop® resistance and performance has been fully tested by **TÜV Rheinland-TNO, an internationally recognized test centre.** The TÜV Rheinland logo is globally recognized as a symbol of safety and quality.
- Softstop® is manufactured from tough cast iron and steel. Unlike plastic these materials are neither combustible nor flammable.
- Softstop® **retains its performance under extreme TEMPERATURES** (from -40°C to +70°C). This is an important argument in unheated industrial buildings or outdoors. By comparison, plastic becomes brittle from -7°C.



HOW DOES SOFTSTOP® WORK?

Specifications

The dynamic energy-absorbing protection system consists of a base on which a protective pole, post or similar can be attached.

During a collision, the kinetic energy of the impact is progressively absorbed as the post tilts, crushing an elastomeric sleeve within the base. The post is able to tilt from its vertical position to an angle of 20° before it locks within the base.

After the impact the post will return back to its vertical position, ready to perform once again.



SEE

FULL SCALE CRASHTESTS ON WWW.SOFTSTOP.BE