Door Safety - Caring and Protecting

DORMA

HingeSafe
PivotSafe

HingeSafe

HingeSafe

When a hinged door, whether manual or automatic is opened, a large gap appears between the door and the frame - creating an inviting and potentially dangerous gap... especially for small, fragile fingers.

When the door is closed, whether by a person or a door closer, the gap disappears. Anything placed in the gap is crushed and injuries caused can vary from bruised to permanently damaged fingers.

What is guaranteed is that the millions of nerve endings at the end of even the smallest of fingers will ensure the accident is not only extremely painful but also very traumatic for a child!

To overcome this, DORMA has created HingeSafe. An inexpensive and simple to apply system, that completely covers the danger area, thus making it impossible for anything to become trapped between the door and the frame.

How does HingeSafe Works?

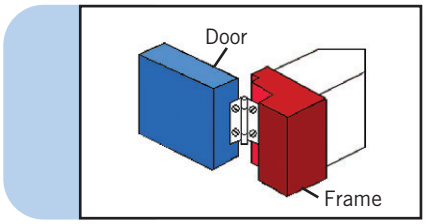
HingeSafe is fixed to the door and the frame - when the door is open HingeSafe safely covers any gap. When the door begins to close, the two folds in HingeSafe move together to gently push away any object that it comes into contact with.

How is it Fitted?

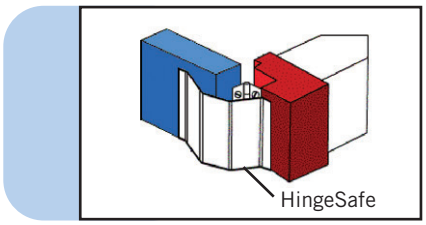
HingeSafe is a simple system to install, requiring no specialist skills or tools. It is securely fixed to the door and the frame using pre-drilled holes and the supplied screws.

To Place an Order

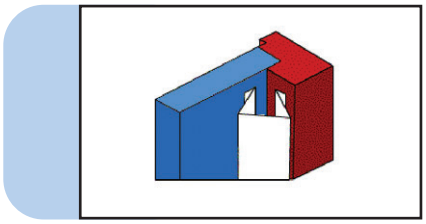
To place an order for HingeSafe, please contact our Tele-Sales Team on 01462 477600.



Open door without HingeSafe

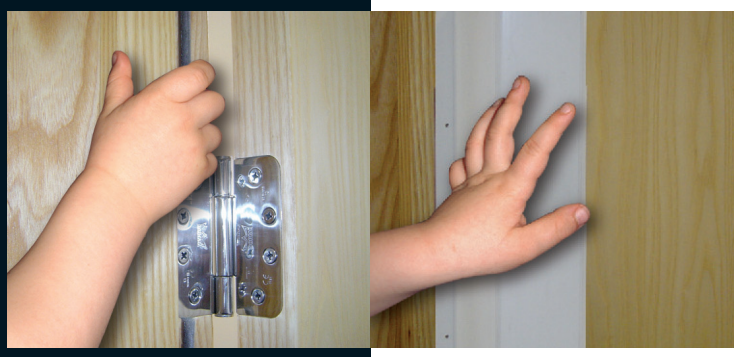


Open door with HingeSafe



Closed door with HingeSafe

Closing the g



PivotSafe

Pivot doors also create a potential danger area between the door and the frame. Conventional pivot doors are hung with their pivot axis 50-75mm from the frame, which creates a large enough gap for fingers to be trapped and crushed once the door starts to close. To overcome this DORMA offers a unique, patented and completely effective solution - PivotSafe.

How does PivotSafe Works?

Working on the same principle as HingeSafe, PivotSafe not only prevents fingers from being trapped in-between the door and the frame, but it also pushes any object that may be in this area away from danger. Therefore, PivotSafe is ideally placed in situations where the danger is not realised, for example nurseries, schools, hospitals and shops.

PivotSafe is the best solution for both manual and automatic doors, which swing in one direction or both (90 through to 180 degrees) and can be fitted to almost all centre pivoted doors.

How is it Fitted?

All that is required to complete the fitting of PiviotSafe to either a wood or aluminium door are standard hand tools – a hacksaw, drill and screwdriver. The shielding strip is fixed to the frame and the barrier member is fixed to the door itself, both using self-tapping screws.

DORMA also offers a cost effective fitting service if you do not have an on site maintenance engineer to carry out the task.

To Place an Order

To place an order for PivotSafe, please contact our Tele-Sales Team on 01462 477600.

Why should you fit HingeSafe or PivotSafe?

Health and Safety Legislation

- The Health and Safety at Work etc Act (1974)
  Employers have a duty, under this act, to ensure, so far as is reasonably practicable, the health, safety and welfare of their employees (Section 2)
  They also have the same responsibility towards people who are not their employees but who use their premises (Section 4).
- The Workplace (Health, Safety and Welfare) Regulations 1992
  Under this set of regulations, specific mention is made of doors and gates, which shall be suitably constructed, including being fitted with any necessary safety devices (Section 18(1)).

British Standard 7036 – the code of practice for safety at powered doors for pedestrian use

- The specifier should ensure that equipment specified for a doors installation conforms to the recommendations of this standard
- During the opening and closing cycle of a swing door, a potential finger trap is created by the construction, the position of the pivot point, or by features. Such hazards should be overcome by the installation of a finger guard that either fills the finger trap or minimises the gap so as not to create a finger trap
- It is essential that appropriate safety devices and measures are chosen. The specifier should, therefore, ensure that a full Hazard Analysis and Risk Assessment is undertaken to confirm that the final installation is safe for its predicted use

PivotSafe

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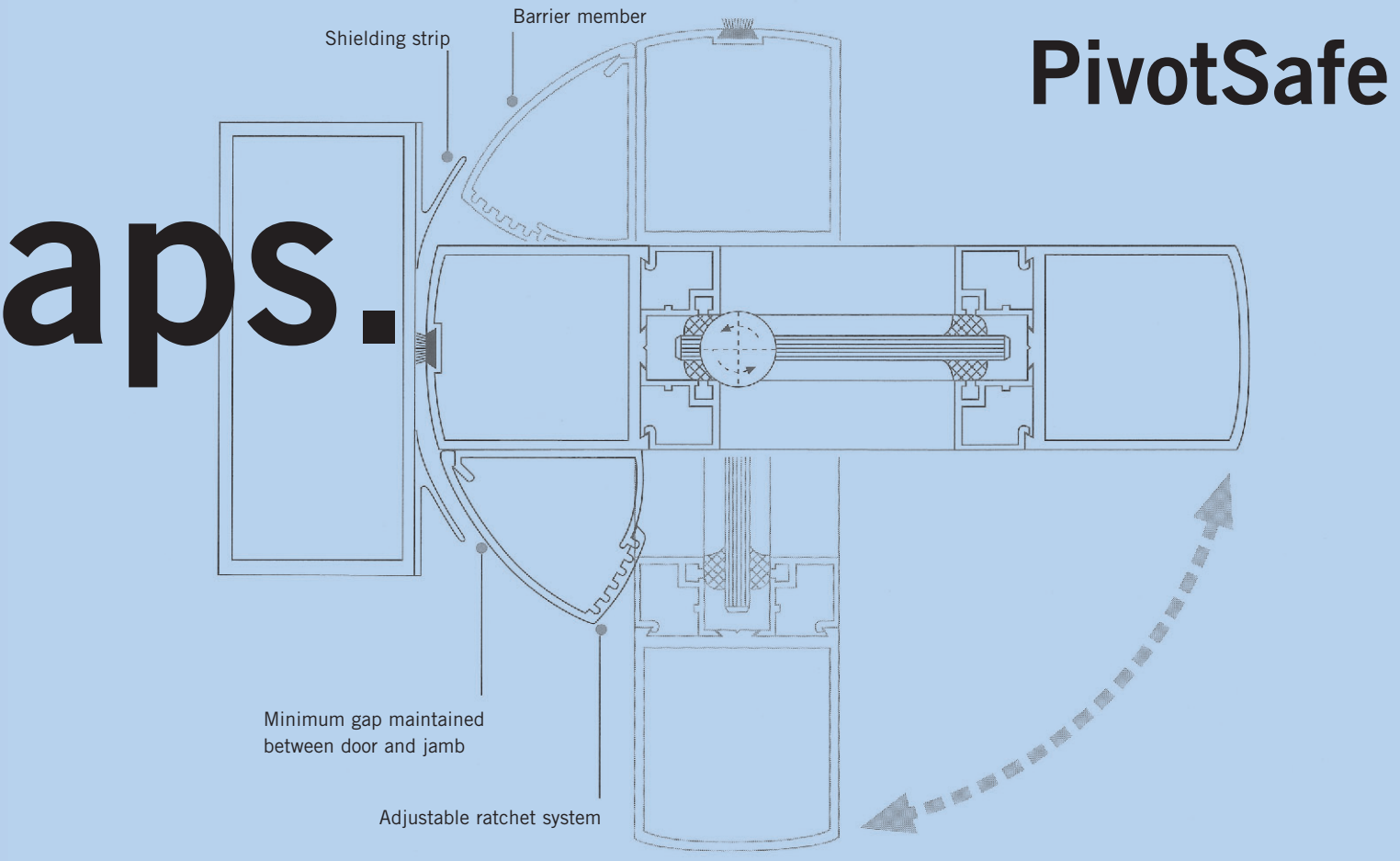

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