

 **LORIENT**

ASSA ABLOY

PLANET

FINGER

GUARDS

FINGER

GUARDS

SEALS



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FINGER GUARD SEALS

Each year, around 30,000 children attend A&E due to door-related finger injuries. The most serious hazards occur at the hinge side of the door, particularly the exposed hinge cavity (secondary closing edge), where crushing forces can cause severe injuries.

Planet finger-guard sealing systems help prevent fingers being trapped between the door leaf and frame, significantly reducing the risk to children and adults alike. Quick to install, maintenance-free, and suitable for almost all door types, they provide an effective safety solution for both new-build and retrofit applications.

FSR 6000

FACE-FIXED

A durable roller-type safety finger protector designed to prevent fingers becoming trapped on the non-hinge (secondary closing edge) of swing doors.

The constant-tension roller mechanism forms a protective barrier as the door opens and closes. Features a clip-on fabric that allows quick removal for inspection and maintenance of hinges and door hardware. Suitable for internal and external doors. Fire tested to BS EN 1634-1:2014+A1:2018 (FD30 & FD60).



NEW – EN fire test evidence for FD30 and FD60

		SILVER ANODISED	ANTHRACITE	BLACK
Length	Gasket	Order code	Order code	Order code
1925mm	Black	PLAF-6111	PLAF-6141	PLAF-6161
2015mm	Black	PLAF-6112	PLAF-6142	PLAF-6162
Made to measure	Black	PLAF-6113	PLAF-6143	PLAF-6163



FSR 6000

SYSTEM SPECIFICATIONS

Test evidence

- ▶ Fire: BS EN 1634-1:2014+A1:2018 (FD30 & FD60)
- ▶ Durability: 2,000,000 cycles.
- ▶ Fabric: Flame retardant building material class BI in accordance with DIN 4102-1.

Possible door types

- ▶ Suitable for doors made of wood, metal, PVC or glass.
- ▶ Suitable for manually operated and power operated doors.
- ▶ Single swing doors.

Location

- ▶ Planet finger protection FSR 6000 is fitted on doors to protect the push side on the side closing edge.

Seal material

- ▶ Carrier: aluminium.
- ▶ Gasket: Synthetic fibre.

Lengths

- ▶ 1925mm as standard.
- ▶ 2015mm as standard for automatic doors.
- ▶ Other lengths to special order.
- ▶ Maximum length: 2500mm.
- ▶ Minimum length: 310mm.
- ▶ Please note: These seals must be ordered at the required length, as they cannot be cut down.

Fixing

- ▶ Self-tapping wood screws are supplied as standard (self-drilling screws for metal doors available on request).
- ▶ Fixing holes are pre-drilled to allow straightforward installation and accurate positioning of the seal on the door and frame.

Gasket size

- ▶ 260mm as standard.
- ▶ Other lengths to special order.

Finishes

- ▶ Silver anodised aluminium with black gasket as standard.
- ▶ Matt black, white, grey, anthracite, stainless steel, and RAL carriers available to special order (non-standard - charges and lead times apply).
- ▶ Grey, white, red, blue, yellow gaskets are available to special order (non-standard - charges and lead times apply).

FSR 5000

FACE-FIXED

A durable roller-type safety finger protector designed to prevent fingers becoming trapped on the non-hinge (secondary closing edge) of swing doors.

The tensioned roller mechanism maintains constant tension, creating a protective barrier between the door leaf and frame as the door opens and closes. The aluminium housing features adjustable fixing positions for accurate alignment during installation. The hard-wearing synthetic fibre is fire retarded (B1 classified). Suitable for timber, metal, PVC and glass doors.



FSR 5000

Length	Gasket	SILVER ANODISED	ANTHRACITE
		Order code	Order code
1925mm	Black	PLAF-5111	PLAF-5141
2015mm	Black	PLAF-5112	PLAF-5142
Made to measure	Black	PLAF-5113	PLAF-5143

SYSTEM SPECIFICATIONS

Test evidence

- ▶ Fabric: Flame retardant building material class B1 in accordance with DIN 4102-1.

Possible door types

- ▶ Suitable for doors made of wood, metal, PVC or glass.
- ▶ Suitable for manually operated and power operated doors.
- ▶ Single swing doors.

Location

- ▶ Planet finger protection FSR 5000 is fitted on doors to protect the push side on the side closing edge.

Seal material

- ▶ Carrier: aluminium.
- ▶ Fabric: Synthetic fibre.

Fabric size

- ▶ 260mm as standard.
- ▶ Other lengths to special order.

Lengths

- ▶ 1925mm as standard.
- ▶ 2015mm as standard for automatic doors.
- ▶ Other lengths to special order.
- ▶ Maximum length: 2500mm.
- ▶ Minimum length: 310mm.
- ▶ Please note: These seals must be ordered at the required length, as they cannot be cut down.

Fixing

- ▶ Self-tapping wood screws are supplied as standard (self-drilling screws for metal doors available on request).
- ▶ Fixing holes are pre-drilled to allow straightforward installation and accurate positioning of the seal on the door and frame.

Finishes

- ▶ Silver anodised aluminium with black fabric as standard.
- ▶ Matt black, white, grey, anthracite, stainless steel, and RAL carriers available to special order (non-standard - charges and lead times apply).
- ▶ Grey, white, red, blue, yellow fabric are available to special order (non-standard - charges and lead times apply).

FSR 6000: Advantages of the clip-on system

The FSR 6000 incorporates a clip-on roller system that allows straightforward access to key inspection points along the hinge side of the door. The gasket can be unclipped and refitted without removing the full assembly, supporting routine checks of hinges, hardware and adjustment areas during maintenance.

Enables quick access for door inspection and adjustment, including:

- ▶ Approval - or inspection stickers (to read inspection stickers or affix new ones).
- ▶ Re-adjusting the door hinges when adjustment is necessary. Elongated holes allow simultaneous adjustment of roller protector.
- ▶ Re-aligning the fabric / roller protector for crease-free cloth.
- ▶ Access to the cable ducts when working on the electrics / electronics.
- ▶ Adjusting and checking the drop seal.

