



IS9090 Safehinge™ Integrated Finger Protection for Doors



The IS9090 Safehinge™ is a first-fit, integrated finger protection system utilising a specialist pivot set, which integrates a curved aluminium profile with the door.

The IS9090 Safehinge™ introduces new standards in durability, life cost savings and aesthetics. New evidence incorporates Lorient's high performance acoustic, smoke and fire seals - offering a simplified door seal configuration.

Key benefits

Innovative design. There is no opportunity for fingers to become trapped in the dangerous gap often to be found at the hanging stile.

Premium aesthetics. The aluminium profile has a natural anodised finish; and is fitted with a grey fire seal to blend discreetly with the profile.

Fire and smoke performance. Up to 30 minutes for single and double leaf doors; as well as 60 minutes for single leaf doors; tested in accordance with BS 476: Pt.22: 1987 and BS 476: Pt.31.1: 1983*.

Highly durable. Has achieved over 1.15 million cycles without any sign of failure. Has also achieved the Severe Duty grading - the highest possible grading to DD171:1987.

Location

Hanging stile of single and double leaf doors.

Finish

Aluminium profile - natural anodised finish.

Standard lengths

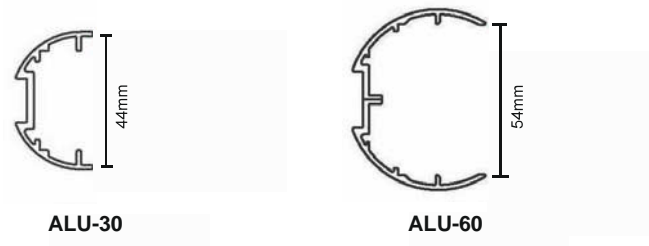
2.1m. Other lengths may be available upon request.

Fixing

Appropriate fixing screws are supplied, fixing holes are pre-drilled. On-site adjustability allows for building imperfections.



Extrusion profile



Kit codes

Code	Description
ALU30-100	ALU30 floor plate kit with 2.1m SAA extrusion (44mm), fire seal pack
ALU30-125	ALU30 kit (w/o bottom pivot) with 2.1m SAA extrusion (44mm), fire seal pack
ALU30-150	ALU30 L-bkt kit with 2.1m SAA extrusion (44mm), fire seal pack
ALU60-100	ALU60 floor plate kit with 2.1m SAA extrusion (54mm), fire seal pack
ALU60-125	ALU60 kit (w/o bottom pivot) with 2.1m SAA extrusion (54mm), fire seal pack
ALU60-150	ALU60 L-bkt kit with 2.1m SAA extrusion (54mm), fire seal pack

Variations of kit may be available upon request.

***Please note for 30 and 60 minutes fire and smoke performance, the IS9090 Safehinge™ must be used with a specific Lorient door sealing system. Please contact Lorient's Technical Services team for further information on 01626 834252.**