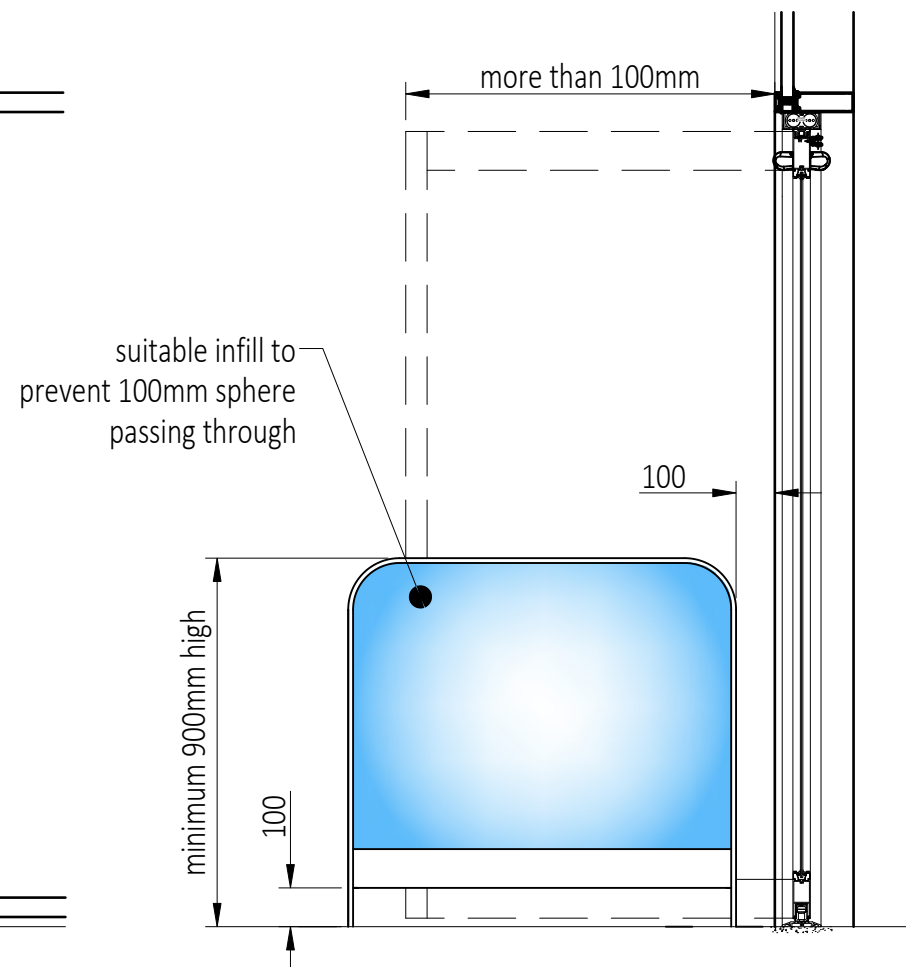
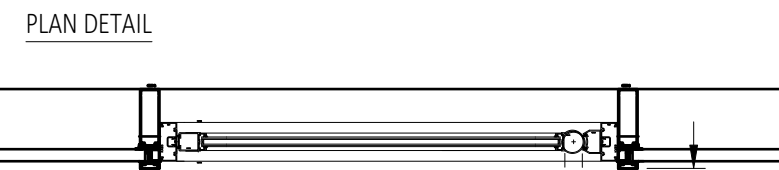


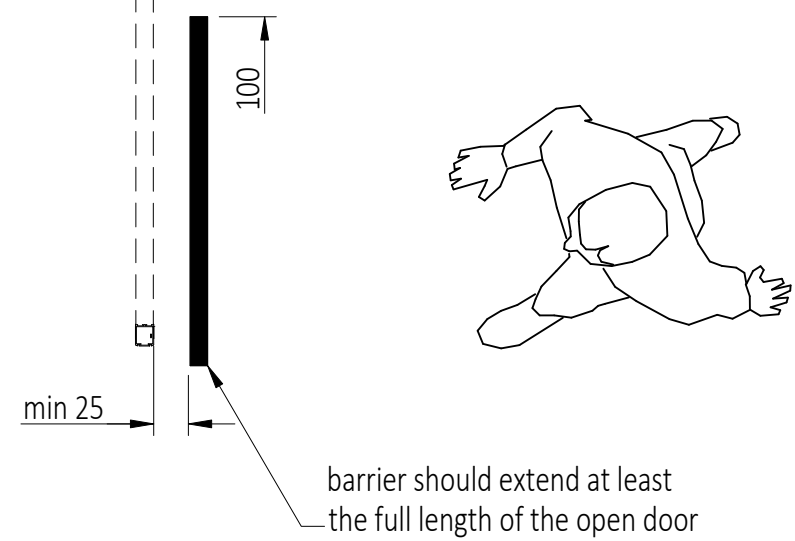
EXTERNAL ELEVATION



SECTION DETAIL



PLAN DETAIL



BARRIER GUIDE LINES FOR SWING DOORS

Introduction

The requirement to safeguard pedestrians from colliding with opening doors is described in both BS EN 16005 and the building regulations. Barriers are an effective means of providing protection however other means are acceptable providing they give equivalent safeguarding.

Building Regulations

The new Approved Document Part K 'Protection from falling, collision and impact' Section 10.2 states that when a door swings within an access route by more than 100mm, barriers need to be installed as a means of meeting building regulations.

BS EN 16005 Door Regulations

Barriers are intended to direct pedestrian traffic or to avoid pedestrians from entering non-safe zones.

They shall be:

- a) designed so that children cannot easily climb over or crawl under them,
- b) suitably secured,
- c) able to withstand forces occurring in normal service.
- d) minimum of 900mm high.

In addition to the above, the following guidance should also be applied:

- a) it should not be possible to pass a 100mm sphere through or under the barrier
- b) the barrier should extend at least the full length of the door in the open position
- c) the distance between the barrier and the fully open door should be not less than 25mm

DRAWING No. <b>BARRIERS-01</b>		HORTON AUTOMATICS, HORTONWOOD 31, TELFORD, SHROPSHIRE, TF17YZ TEL:01952 670169 WEB:https://horton-automatics.co.uk/			
SHEET 1 OF 1		DESCRIPTION GUIDANCE FOR SAFETY BARRIERS ON SWING DOORS			
DO NOT SCALE	DIMENSIONS: mm	DRAWN BY: G.DAWES	DATE: 27.07.19	SCALE: NTS	REVISION: 0