

Key Features

- Single unit – fully integrated system
- Provides level access for the mobility impaired
- Easily installed
- Durable materials - Polymer concrete, metal grating
- Integrated drainage channel prevents water ingress
- Larger entrance widths can be catered for
- Units available ex-stock

Disabled Access Thresholds Light from KPC

With an ever increasing focus on ensuring equal accessibility in housing builds, coupled with guidelines and regulations on the subject, KPC offer a patented Disabled Access Threshold system with an excellent balance of accessibility and functionality.

Product Description:

Threshold Access System to allow for equal access for the Mobility Impaired while preventing water from passing over the threshold.

System Composition:

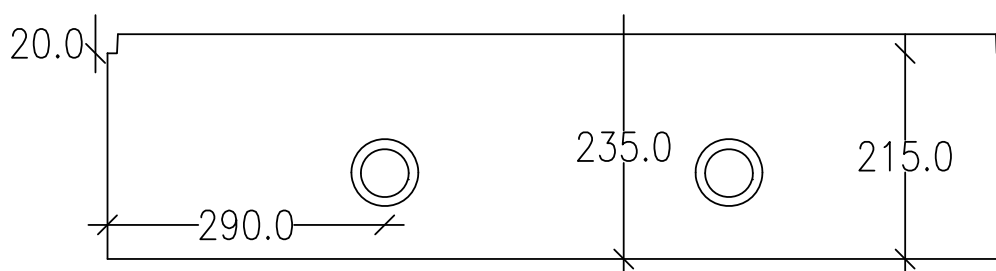
The system comprises a polymer concrete channel with upper and lower recesses for the door-frame+trapperbar and the drainage channel

The trapper-bar has proven very effective in keeping water from entering the building and directing it to the drainage channel.

The perforated metal grid is galvanised steel and it is designed to be heel-safe.

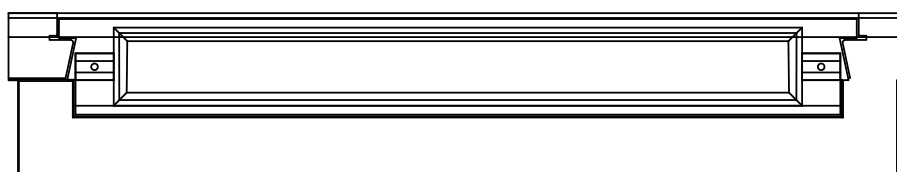
Neat and Unobtrusive

The Disabled Access Threshold from KPC provides an improved level of access for the mobility impaired and safely channels water crossing the threshold without compromising on aesthetics.



Threshold for Single Door Front Elevation

Approx Weight: 45 kg



Threshold for Single Door Plan

UK site



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Sizes

- 1 - The single door unit comes in a 940.0-mm length and is suitable for use with a door frame of the same length.
- 2 - Concrete Extensions available in 100mm increments to allow for longer sidelights/double sidelights.

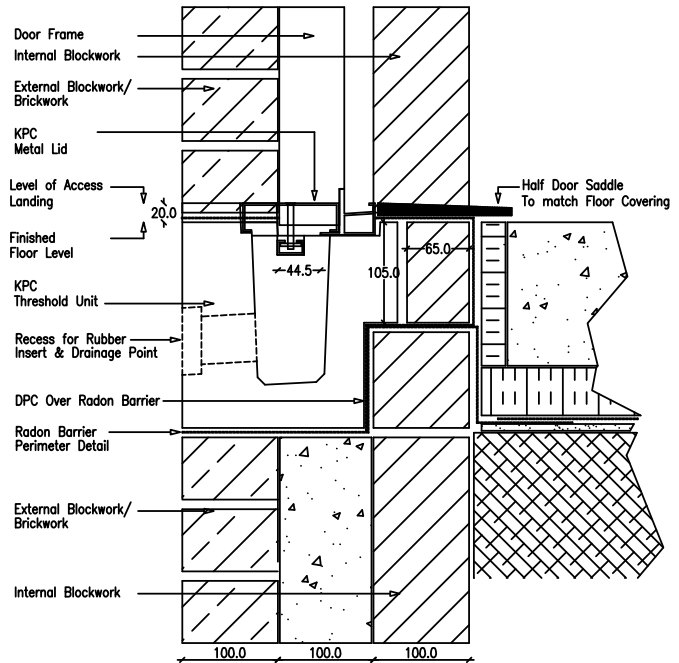
Installation

The KPC Disabled Access-Light Threshold should be installed when the radon barrier has been fitted and before the floor is poured

The overall height of the unit is 215.0-mm at the back and 235.0-mm at the front, in the middle 920.0-mm of the single unit. The overall width of the unit is 225.0-mm.

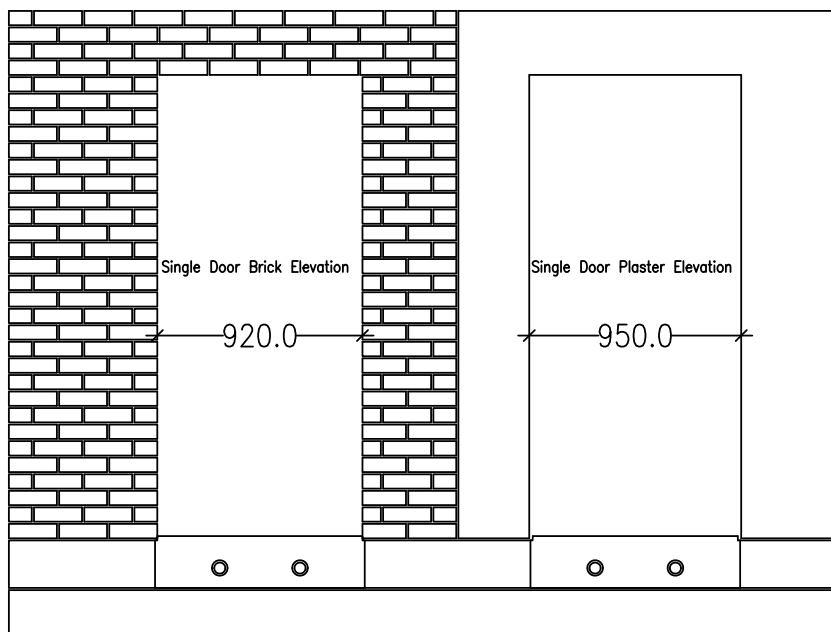
In section, the KPC Disabled Access Light Threshold should be installed as follows:

The back of the unit should be installed to be level with the finished floor. The middle 920.0mm of the front of the unit should be 20.0mm above the level of the finished floor. The front face of the unit should be flush with the outer skin of blockwork/brickwork and the back face of the unit should be 75mm in front of the inner skin of blockwork. The gap behind the unit should be filled using a traditional stock brick on edge.



In Elevation, the KPC Disabled Access Light Threshold should be installed as follows:

In the case of a brickwork opening the reveal of the brick should encroach 10.0mm onto the concrete unit. There is a notch on single units and single sidelight units indicating this point. For blockwork openings the reveal of the block should be kept 5.0mm back from the concrete unit. If the masonry reveals are not constructed as above it is likely that the metal lid will not fit the concrete threshold and this may lead to expensive remedial work on site.



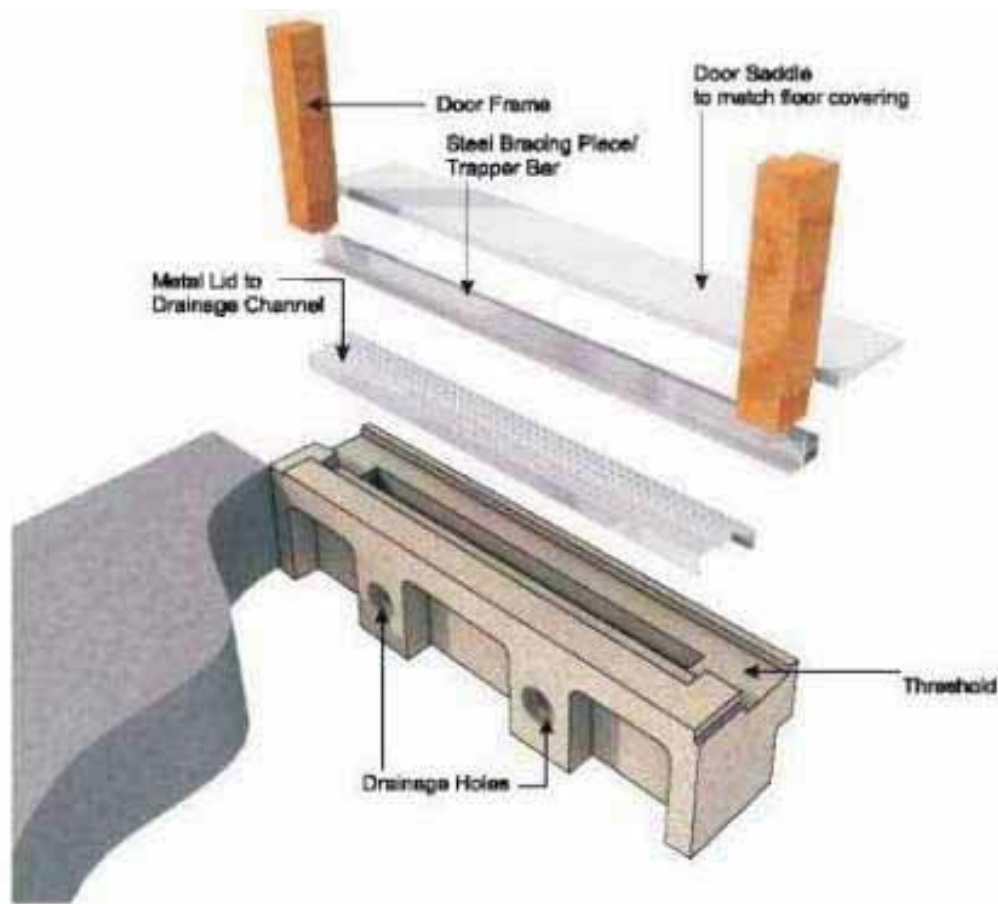
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Door Frame and Metal Lid:

The door-frame with the trapper bar is installed at the usual time. The contractor has the option of fitting the lid at this stage and protecting it from damage or fitting the lid at the house finishing stage.

Drainage and Access Details:

The concrete unit is supplied with two drainage holes to the front and is supplied to site with two rubber pipe connectors installed in these. These allow 1.5in waste pipes to be connected to the unit as required and the water transferred to either the storm-water system on site or to a soakaway.



Disabled Access

There should be a level platform immediately outside the door. This platform should be approached at a maximum gradient of 1:50

The platform should be finished level with the front edge of the concrete unit, 20.0mm above the finished floor level inside.

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