

**Description**

KCC Internal Premium Steel Door - Galvanised Steel Construction - 60 Minutes Fire Rating



**Product Summary**

Fire rated steel door for internal use only that offers substantial benefits over comparable timber doors in strength, durability & security.

**Certification**

European Norm	No Harmonised European Norm
Product Classification	n/a (No Harmonised European Norm)
EC Certificate of Conformity No.	Exempt from CE
Certifire No.	n/a
Declaration of Performance	n/a (No Harmonised European Norm)
Other Test Evidence	Fire: BS 476 Parts 20 and 22, and BS EN 1634 - 60 minutes

**BIM Assist™**

**BC(A)R Assist™\***

**Guarantee**

**1 Year Workmanship**

Last Reviewed 06/01/2020

\* ROI Only

*For the purpose of continual product development, KCC reserves the right to change specifications without notice. Please accept all dimensions as approximate. E&OE. © KCC Group 2024.*

**Description**

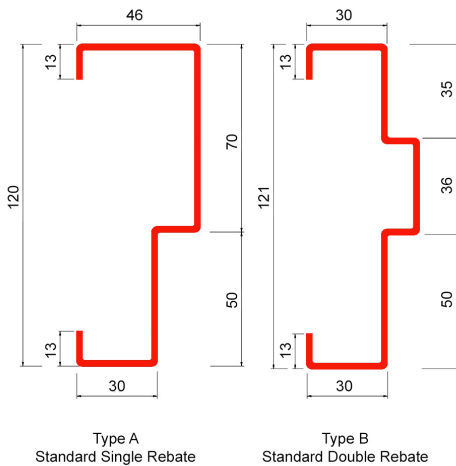
KCC Internal Premium Steel Door - Galvanised Steel Construction - 60 Minutes Fire Rating



**Door**

- Internal use only
- 45mm thickness
- 1.5mm galvanised mild steel sheets available in a variety of colours and finishes
- 60 minute fire tested
- Bonded high performance core
- Door leaf constructed from 2 skins of galvanised steel sheet with vertical interlocking seam, with top & bottom reinforcement channels. Welded for increased durability
- Maximum Dimensions (mm), Area m2
  - Single door unlatched W924, H2706 A2.5m2
  - Double door unlatched\* W1201, H3518 A3.38m2
  - Single & double doors latched W1407, H3100 A3.96m2

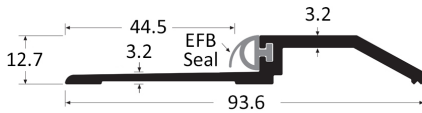
\*Astragal required



**Door Frame**

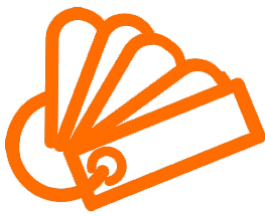
- Folded from 1.5mm galvanised steel sheet, single rebate
- 5mm welded fixing plates with self-levelling anchor jacks
- Single rebate frames are typically 120mm front to back – face widths from 25 – 50mm in 5mm increments
- Double rebate frame is typically 121mm front to back – face widths from 25 – 50mm in 5mm increments
- Other sizes can be accommodated

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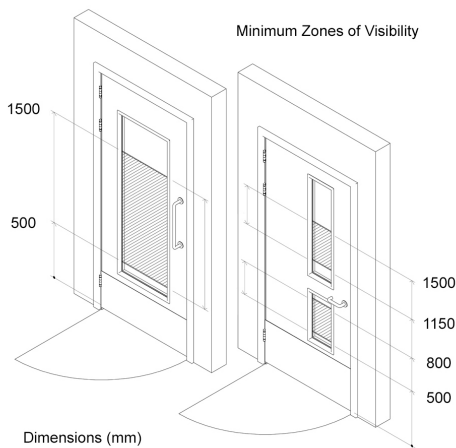
**Threshold Options (External Doors)**

- Standard - 564 Rabbeted Threshold c/w Neoprene Flipper threshold part M compliant, other options available



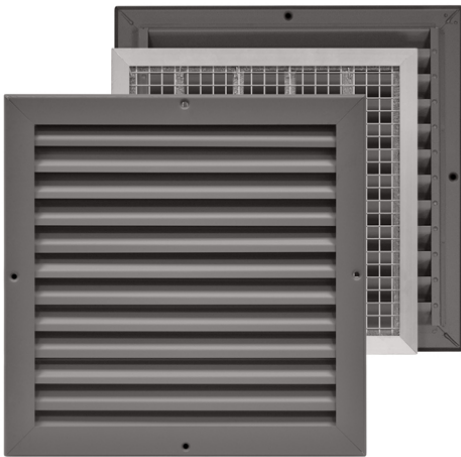
**Finishes**

- Various RAL colours and finishes are available
- Powder coated or wet spray options



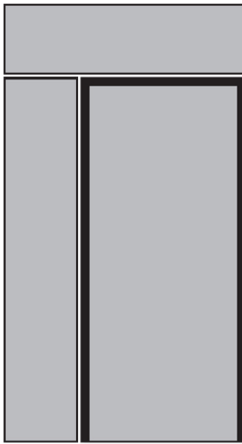
**Vision Panels**

- Construction: Welded construction from 1mm cold rolled galvanised steel, screwed together from one side
- Sizes: The door can be provided with many styles and sizes of vision panels. The only restrictions being to comply with current building regulations and our fire certification
- The building regulations restrictions are shown on the diagram to the left
- Our fire certification restricts the maximum aperture width to 678mm, and height of 1753mm. The total glazed area should not exceed 0.46m<sup>2</sup> (this restriction in size needs to include a louvre if one is being used)



#### Fire Louvre Panels

- Constructed from a intumescent block grille only 14mm thick within the door leaf and an FDLS two-part steel louvre set which fixes to both sides of the door and sandwiches the FB intumescent block
- 18g Galvanised steel frame louvre blades. (Stainless steel Grade 304 and Grade 316 available to order)
- Various sizes are available, our fire certification restricts the maximum glazed and fire louvre area not exceed 0.46m<sup>2</sup>



#### Side & Overpanel Arrangements

- Panels, flush or glazed are available
- Construction - panels can be solid, glazed or louvred
- Permitted sidepanel sizes max width 1000mm
- Permitted overpanel sizes max height 1000mm

**Description**

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**Specification Text**

Steel Door Specification L20

INTERNAL SINGLE / DOUBLE STEEL DOORS

60 FR to BSEN 1634

MANUFACTURER: KCC Group

**LEAF**

- Internal use only
  - 45mm thickness
  - 1.5mm galvanised mild steel sheets available in a variety of colours and finishes
  - 60 minute fire tested
  - Door leaf constructed from 2 skins of galvanised steel sheet with vertical interlocking seam, with top & bottom reinforcement channels. Welded for increased durability
  - Maximum Dimensions (mm), Area m<sup>2</sup>
    - Single door unlatched W924, H2706 A2.5m<sup>2</sup>
    - Double door unlatched\* W1201, H3518 A3.38m<sup>2</sup>
    - Single & double doors latched W1407, H3100 A3.96m<sup>2</sup>
- \*Astragal required

**FRAME**

- Style [SPECIFY A or B or CUSTOM]
- Folded from 1.5mm galvanised steel sheet, single rebate
- 5mm welded fixing plates with self-levelling anchor jacks
- Single rebate frames are typically 120mm front to back – face widths from 25 – 50mm in 5mm increments
- Double rebate frame is typically 121mm front to back – face widths from 25 – 50mm in 5mm increments
- Other sizes can be accommodated

**THRESHOLD OPTIONS (OPTIONAL)**

- Standard - 564 Rabbeted Threshold c/w Neoprene Flipper threshold part M compliant, other options available

**VISION PANELS (OPTIONAL)**

- Construction: Welded construction from 1mm cold rolled steel, screwed together from one side
- Sizes: The door can be provided with many styles and sizes of vision panels. The only restrictions being to comply with current building regulations and our fire certification
- The building regulations restrictions are shown on the diagram to the left
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**FIRE LOUVRE PANELS (OPTIONAL)**

- Constructed from an intumescent block grille only 14mm thick within the door leaf and an FDLS two-part steel louvre set which fixes to both sides of the door and sandwiches the FB intumescent block

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- 18g Galvanised steel frame louvre blades. (Stainless steel Grade 304 and Grade 316 available to order)
- Various sizes are available, our fire certification restricts the maximum glazed and fire louvre area not exceed 0.46m<sup>2</sup>

**SIDEPANELS & OVERPANELS ARRANGEMENTS (OPTIONAL)**

- Panels, flush or glazed are available
- Construction - panels can be solid, glazed or louvred
- Permitted sidepanel sizes max width 1000mm
- Permitted overpanel sizes max height 1000mm

**FINISHES**

- Various RAL colours and finishes are available. Specify [RAL COLOUR / FINISH]
- Specify [POWDER COATED / WET SPRAY]