

Z - SERIES

Metal 1 Hour Fire Rated Hinged Loft Access Doors - Full Range

High performance metal loft access doors with 1 hour fire protection

Use

- To provide access through the ceiling into the ceiling void in situations where fire protection is required

Features and Benefits

- Purpose made product with proven performance
- Superior to site fabricated panels
- Provides up to 60 minutes fire protection
- Excellent aesthetic appearance and factory finished
- Maintenance free, no need to paint
- Allows the use of a telescopic ladder if required
- Incorporates secure twist operated catch assembly
- Acoustic performance of 29dB
- U value 0.82 W/m²K and 0.35W/m²K options available
- Budget lock and key lock options available
- All loft doors are hinged on the short side except the 900 x 600mm and 1200 x 600mm sizes which are hinged on the long side

Quality

- Independently fire tested
- Complies with Building Regulations document L1A & L2A (2013 Edition)
- Meets all relevant British Standards and NHBC requirements

Material and Colour Choice

- Frame & door fabricated in 1mm & 1.2mm Zintec electro-galvanised mild steel
- The door is lined with a fire resistant sub-panel to enhance fire resistance and stability
- Polyester powder coating, lightly textured
- Door and frame available in white only RAL 9010

Installation Advice

- The Z8003 and Z8004 are designed to fit between trussed rafters or ceiling joists spaced at 600mm centres which provide a clear joist opening width of 562mm to be plasterboard lined to give 542mm
- If the joist spacing does not provide this opening width, a suitable trimmed opening must be formed
- It is essential that trimmers are installed between the ceiling joists across the ends of the frame
- The frame fixes with screws into the ceiling joists at the sides of the frame and through the ends of the frame into the trimmers
- If timber is used to trim the structural opening, then a layer of plasterboard or other proprietary material must be used to protect the timber.

Technical Considerations

- Timloc loft access doors contain glass wool insulation with a Thermal Conductivity of 0.037W/mK. For this reason a correction. U value of 0.004W/m²K should be calculated to the proposed U value figures for a ceiling (U value for a ceiling, not to exceed 0.16W/m²k)
- With reference to insulation, the products in this range do not use, contain or produce CFC's, ie. HCFC's & HFA's. The mineral wool insulation relies on entrapped air for its thermal properties; air is not a VOC and it does not have Global Warming Potential (GWP) or Ozone Depletion Potential (ODP).



Z-Series Metal Fire Rated Loft Door



Budget Lock



Key Lock

Bill of Quantity

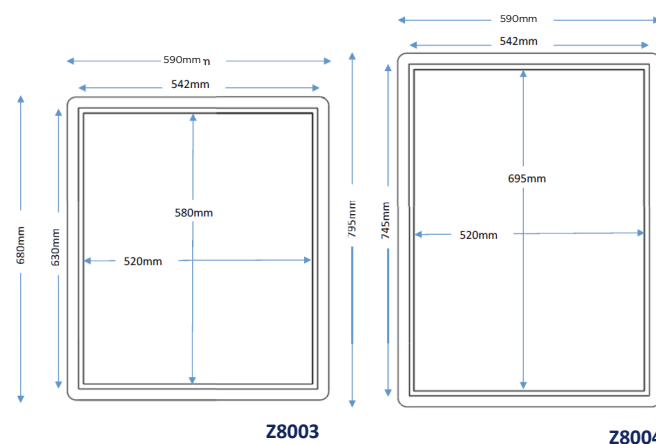
L20 Doors/Shutters/Hatches

Clause

630^ | HATCHES

- Manufacturer: Timloc Building Products, Timloc House, Ozone Park, Howden, East Yorkshire, DN14 7SD. T: 01405 765567 W: www.timloc.co.uk
- Product reference: Example Z8003
- Type: Z-Series Metal 1 Hour Fire Rated Hinged Loft Access Door
- Z8003 to suit fitting 542mm x 630mm
- Specification: insulated and draught stripped
- Colour: textured white polyester powder coating - RAL 9010

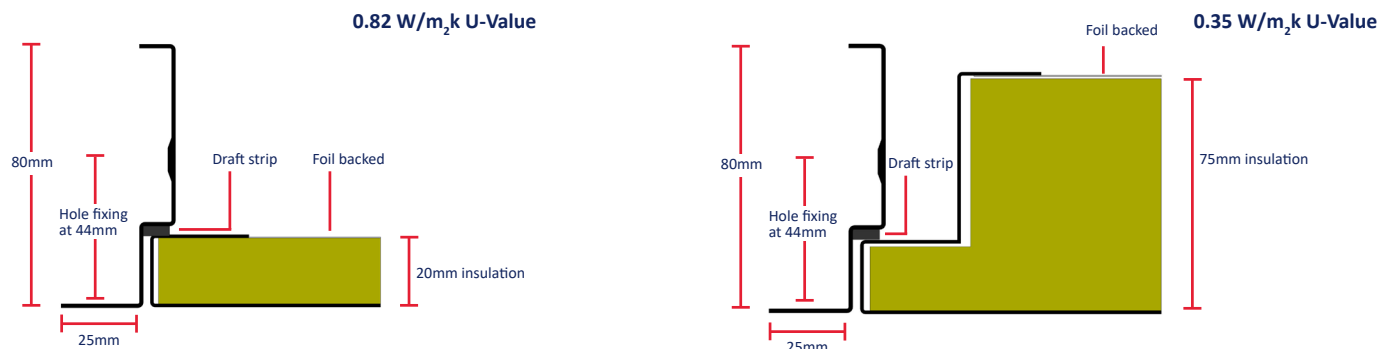
Product Dimensions



Z8003

Z8004

Cross Sections



Product Codes

Metal 1 Hour Fire Rated Hinged Loft Access Doors

| Description | Frame Fitting Size | Clear Opening Size | Overall Panel & Frame Size | Insulation U-value | Product Codes |
|---|--------------------|--------------------|----------------------------|--------------------|---------------|
| Z-Series Fire Rated Metal Loft Door 550x550mm | 555 x 555mm | 528 x 500mm | 598 x 598mm | 0.82 W/m²K | Z8001 |
| Z-Series Fire Rated Metal Loft Door 555x800mm | 560 x 805mm | 533 x 750mm | 603 x 848mm | 0.82 W/m²K | Z8002 |
| Z-Series Fire Rated Metal Loft Door 542x630mm | 542 x 630mm | 520 x 580mm | 590 x 680mm | 0.82 W/m²K | Z8003 |
| Z-Series Fire Rated Metal Loft Door 542x745mm | 542 x 745mm | 520 x 695mm | 590 x 795mm | 0.82 W/m²K | Z8004 |
| Z-Series Fire Rated Metal Loft Door 600x600mm | 605 x 605mm | 578 x 550mm | 648 x 648mm | 0.82 W/m²K | Z8005 |
| Z-Series Fire Rated Metal Loft Door 600x900mm | 605 x 905mm | 578 x 850mm | 648 x 948mm | 0.82 W/m²K | Z8006 |
| Z-Series Fire Rated Metal Loft Door 900x600mm* | 905 x 605mm | 850 x 578mm | 948 x 648mm | 0.82 W/m²K | Z8007 |
| Z-Series Fire Rated Metal Loft Door 1200x600mm* | 1205 x 605mm | 1178 x 550mm | 1248 x 648mm | 0.82 W/m²K | Z8008 |

Metal 1 Hour Fire Rated Hinged Loft Access Doors - Key Lock

| Description | Frame Fitting Size | Clear Opening Size | Overall Panel & Frame Size | Insulation U-value | Product Codes |
|--|--------------------|--------------------|----------------------------|--------------------|---------------|
| Z-Series Fire Rated Metal Loft Door 550x550mm - Key Lock | 555 x 555mm | 528 x 500mm | 598 x 598mm | 0.82 W/m²K | ZKL8001 |
| Z-Series Fire Rated Metal Loft Door 555x800mm - Key Lock | 560 x 805mm | 533 x 750mm | 603 x 848mm | 0.82 W/m²K | ZKL8002 |
| Z-Series Fire Rated Metal Loft Door 542x630mm - Key Lock | 542 x 630mm | 520 x 580mm | 590 x 680mm | 0.82 W/m²K | ZKL8003 |
| Z-Series Fire Rated Metal Loft Door 542x745mm - Key Lock | 542 x 745mm | 520 x 695mm | 590 x 795mm | 0.82 W/m²K | ZKL8004 |
| Z-Series Fire Rated Metal Loft Door 600x600mm - Key Lock | 605 x 605mm | 578 x 550mm | 648 x 648mm | 0.82 W/m²K | ZKL8005 |
| Z-Series Fire Rated Metal Loft Door 600x900mm - Key Lock | 605 x 905mm | 578 x 850mm | 648 x 948mm | 0.82 W/m²K | ZKL8006 |
| Z-Series Fire Rated Metal Loft Door 900x600mm - Key Lock* | 905 x 605mm | 850 x 578mm | 948 x 648mm | 0.82 W/m²K | ZKL8007 |
| Z-Series Fire Rated Metal Loft Door 1200x600mm - Key Lock* | 1205 x 605mm | 1178 x 550mm | 1248 x 648mm | 0.82 W/m²K | ZKL8008 |

Metal 1 Hour Fire Rated Hinged Loft Access Doors - 0.35 U-Value

| Description | Frame Fitting Size | Clear Opening Size | Overall Panel & Frame Size | Insulation U-value | Product Codes |
|--|--------------------|--------------------|----------------------------|--------------------|---------------|
| Z-Series Fire Rated Metal Loft Door 550x550mm - 0.35 U-Value | 555 x 555mm | 528 x 500mm | 598 x 598mm | 0.35 W/m²K | Z9001 |
| Z-Series Fire Rated Metal Loft Door 555x800mm - 0.35 U-Value | 560 x 805mm | 533 x 750mm | 603 x 848mm | 0.35 W/m²K | Z9002 |
| Z-Series Fire Rated Metal Loft Door 542x630mm - 0.35 U-Value | 542 x 630mm | 520 x 580mm | 590 x 680mm | 0.35 W/m²K | Z9003 |
| Z-Series Fire Rated Metal Loft Door 542x745mm - 0.35 U-Value | 542 x 745mm | 520 x 695mm | 590 x 795mm | 0.35 W/m²K | Z9004 |
| Z-Series Fire Rated Metal Loft Door 600x600mm - 0.35 U-Value | 605 x 605mm | 578 x 550mm | 648 x 648mm | 0.35 W/m²K | Z9005 |
| Z-Series Fire Rated Metal Loft Door 600x900mm - 0.35 U-Value | 605 x 905mm | 578 x 850mm | 648 x 948mm | 0.35 W/m²K | Z9006 |
| Z-Series Fire Rated Metal Loft Door 900x600mm - 0.35 U-Value* | 905 x 605mm | 850 x 578mm | 948 x 648mm | 0.35 W/m²K | Z9007 |
| Z-Series Fire Rated Metal Loft Door 1200x600mm - 0.35 U-Value* | 1205 x 605mm | 1178 x 550mm | 1248 x 648mm | 0.35 W/m²K | Z9008 |

Metal 1 Hour Fire Rated Hinged Loft Access Doors - 0.35 U-Value Key Lock

| Description | Frame Fitting Size | Clear Opening Size | Overall Panel & Frame Size | Insulation U-value | Product Codes |
|---|--------------------|--------------------|----------------------------|--------------------|---------------|
| Z-Series Fire Rated Metal Loft Door 550x550mm - 0.35 U-Value Key Lock | 555 x 555mm | 528 x 500mm | 598 x 598mm | 0.35 W/m²K | ZKL9001 |
| Z-Series Fire Rated Metal Loft Door 555x800mm - 0.35 U-Value Key Lock | 560 x 805mm | 533 x 750mm | 603 x 848mm | 0.35 W/m²K | ZKL9002 |
| Z-Series Fire Rated Metal Loft Door 542x630mm - 0.35 U-Value Key Lock | 542 x 630mm | 520 x 580mm | 590 x 680mm | 0.35 W/m²K | ZKL9003 |
| Z-Series Fire Rated Metal Loft Door 542x745mm - 0.35 U-Value Key Lock | 542 x 745mm | 520 x 695mm | 590 x 795mm | 0.35 W/m²K | ZKL9004 |
| Z-Series Fire Rated Metal Loft Door 600x600mm - 0.35 U-Value Key Lock | 605 x 605mm | 578 x 550mm | 648 x 648mm | 0.35 W/m²K | ZKL9005 |
| Z-Series Fire Rated Metal Loft Door 600x900mm - 0.35 U-Value Key Lock | 605 x 905mm | 578 x 850mm | 648 x 948mm | 0.35 W/m²K | ZKL9006 |
| Z-Series Fire Rated Metal Loft Door 900x600mm - 0.35 U-Value Key Lock* | 905 x 605mm | 850 x 578mm | 948 x 648mm | 0.35 W/m²K | ZKL9007 |
| Z-Series Fire Rated Metal Loft Door 1200x600mm - 0.35 U-Value Key Lock* | 1205 x 605mm | 1178 x 550mm | 1248 x 648mm | 0.35 W/m²K | ZKL9008 |

* Hinged on long side