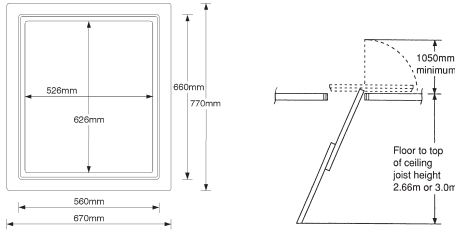




## Zero air leakage\* hinged loft access doors

### Hinged loft doors with lockable options and ladders



#### Use

- To provide simple, easy access through a ceiling into the loft space

#### Features and benefits

- \*Air permeability measured at 50Pa as 0.00m<sup>3</sup>/(h.m<sup>2</sup>) under positive pressure test conditions
- Purpose made product saves time and money compared with traditional joiner-made timber loft access doors
- Independently air leakage tested by BRE
- Excellent aesthetic appearance
- Factory finished and ready to fit straight from the box
- Insulated door panel with integral draught/vapour seal
- Maintenance free, no need to paint
- Hinged design allows use of a telescopic loft ladder

#### Quality

- Satisfies all NHBC requirements
- Manufactured to BS EN ISO 9001 and BS EN ISO 14001
- Complies with Building Reg. document L1A & L2A (2013 Edition)
- Meets all relevant British Standards

#### Material and colour choice

- The door and frame are one piece injection moulded polypropylene
- Insulation is CFC free expanded polystyrene foam
- Available in white only

#### Products in the system

##### Product 1169

Rectangular loft access door with twist operated catch to release a downward opening hinged door. Clear opening dimensions: 526mm x 626mm.

##### Product 1169/keylock

Keylock - as above but with secure key operated lock assembly.

##### Ladder 8

Two section telescopic aluminium loft ladder for the 1169 range. For situations where the height from floor to top of the ceiling joist is not more than 2.66m.

##### Ladder 10

Three section telescopic aluminium loft ladder for the 1169 range. For situations where the height from floor to top of the ceiling joist is not more than 3.0m.

##### Product 1170

Loft door operating pole, manufactured from reinforced plastic. Suitable for the Timloc 1169 and 1168 loft door ranges only.

#### Installation advice

- This product is designed to fit between 38mm thick trussed rafters or ceiling joists spaced at 600mm centres which provide a clear joist opening width of 562mm
- If the roof design does not provide this joist opening width, a suitable opening must be formed

- Trimmers must be installed across the ends of the frame. These must be spaced to give a clear opening length of 662mm
- The frame fixes with ten screws, three through each side and two through each end
- Fit the loft access door after the ceiling has been plaster boarded and skimmed
- The frame must be a good fit into the trimmed opening. Never try to force it into an opening that is too small. If the opening is too large use packers to ensure a good fit

**Please see technical section for more details.**

#### Product codes

##### Hinged loft access doors

**NBSPlus**

Description	Frame fitting size required	Clear opening size	Insulation U value	Product code
Hinged loft door	562 x 662mm	526 x 626mm	0.82W/m <sup>2</sup> k	1169
Hinged loft door with key lock	562 x 662mm	526 x 626mm	0.82W/m <sup>2</sup> k	1169KL
Hinged loft door with key lock	562 x 662mm	526 x 626mm	0.35W/m <sup>2</sup> k	1169/35
Hinged loft door with key lock	562 x 662mm	526 x 626mm	0.35W/m <sup>2</sup> k	1169/35KL
Hinged loft door	562 x 662mm	526 x 626mm	0.25W/m <sup>2</sup> k	1169/25
Hinged loft door	562 x 662mm	526 x 626mm	0.25W/m <sup>2</sup> k	1169/25KL
2.66m telescopic loft ladder	n/a	n/a	n/a	Ladder 8
3m telescopic loft ladder	n/a	n/a	n/a	Ladder 10
Loft door operating pole - 0.5m (for 1169 & 1168 only)	n/a	n/a	n/a	1170

#### Technical considerations

- Timloc loft access doors comply with the most recent Building Regulations; 'THE BUILDING REGULATIONS 2000 'Conservation of fuel and power' APPROVED DOCUMENT L1A & L2A (2006 Edition)
- The Timloc loft access door has demonstrated a zero 0.00m<sup>3</sup>/(h.m<sup>2</sup>) air leakage at 'positive' 50Pa to exceed requirements set in the Building Regulation Part L1A & L2A while fully complying with BS5250:2011 the Code of Practice for control of condensation in buildings
- Timloc loft access doors contain polystyrene insulation with a Thermal Conductivity of 0.038W/mK. For this reason a correction U value of 0.004W/m<sup>2</sup>k should be calculated to the proposed U value figures for a ceiling (U value for a ceiling not to exceed 0.16W/m<sup>2</sup>k)
- With reference to insulation, the products in this range do not use, contain or produce Urea Formaldehyde, CFC's or indeed any of the so called soft CFC's, ie. HCFC's & HFA's. They have an ozone depletion potential of zero and Global Warming Potential of less than 5