



# Access Panels

# Access Panels

## INTRODUCING ACCESS PANELS

Speedline offers a full range of access panels, for use in commercial, education, health & domestic situations. The following section provides details of our standard, budget & premium ranges.

Contact the Speedline technical team for advice and support on your project:  
**[enquiries@speedlinedrywall.co.uk](mailto:enquiries@speedlinedrywall.co.uk)**

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## ACCESS PANELS

# SPEEDLINE ACCESS PANELS INTRODUCTION

### Access Panels

#### Choice

Speedline Access panels are designed to fit in a variety of internal wall and ceiling constructions of normal humidity unless stated.

#### Aesthetics

Typically Speedline panels are supplied with a picture frame option for use in retrofit applications allowing for installation into a structural opening and screw fixing into place. Also available is a beaded frame option which provides a more concealed solution and can be fitted at the time of fit out prior to dry lining skimming. For the ultimate discrete solution certain designs allow for use of a plasterboard or tiled door, allowing for a fully concealed finish.

#### Prices for all Projects

A budget range of metal door access panels and plastic access panels are available in stock sizes only, particularly useful for residential applications.

#### Bespoke Panels

Many of the Speedline Access Panels can be one hour fire-rated, acoustic panels or airtight. If you have a bespoke requirement, speak to your local branch of SIG as panels are available in sizes not featured in this guide. A dedicated design team can create a specialised product to fulfil your requirements.

#### Accessories

A comprehensive choice of Speedline accessories, such as fixings, adhesives, joint compounds, tapes and sealants are also available.

#### Nationwide Service

Speedline Access Panels are available exclusively from SIG throughout the UK. Branches carry extensive stocks of all products and experienced staff offer a fast and efficient service whilst product specialists are on hand to assist with technical issues and complex specifications.

### ACCESS PANELS APPLICATION TABLE

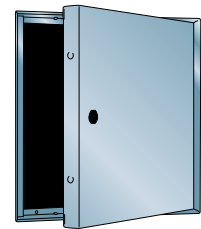
	Wall Applications	Ceiling Applications*	Beaded Frame	Picture Frame	Fire Rated
<b>Standard Panel Range</b>					
EMAC001	•	•	•	•	–
EMAC001FD60	•	•	•	•	•
EMAC003	•	•	•	–	–
EMAC003FD60	•	•	•	–	•
<b>Budget Panel Range</b>					
EMAC002	•	•	–	•	–
EMAC006	•	•	–	•	–
<b>Premium Ceiling Range</b>					
EMAC011	–	•	•	•	–
EMAC007	–	•	–	–	–
EMAC014 & EMAC015	–	•	•	•	–
EMAC004	•	•	•	–	–
EMAC004FD60	•	•	•	–	•
<b>Premium Wall Range</b>					
EMAC012	•	•	•	•	–
EMAC012FD60	•	–	•	•	•
EMAC005	•	–	•	–	–

\*We do not recommend plastic panels larger than 300 x 300mm to be installed in a ceiling due to potential bowing of the door over time.

## ACCESS PANELS

# SPEEDLINE STANDARD RANGE

EMAC001 - METAL DOOR



## EMAC001 METAL DOOR

### Key points to note

- X and Y dimensions are outside rear frame.
- Overall frame depth is 50mm.
- Structural opening required for installation is (X+10) x (Y+10).
- Clear available access when installed, with door in the open position is (X-36) x (Y-12).

**NOTE:** A one hour fire rated version is also available (see Speedline EMAC001FD60). Anti-microbial paint is available upon further enquiry.



### LOCK OPTION

BUDGET LOCK



### LOCK OPTION

5MM DOUBLE BARB INSERT LOCK



### LOCK OPTION

UNSUITED/SUITED TAMPERPROOF LOCK



### LOCK OPTION

UNSUITED/SUITED KEY LOCK



A range of steel lockable access panels offering the ultimate versatility in wall and ceiling applications.

### Composition and Manufacture

A 1mm thick metal frame incorporating a simulated edge bead or picture frame profile holds a mild steel metal door through a sliding hinge system. The door is held closed with a budget lock opening towards the user. The key hole is protected by a plastic collar and bung. The hinge system allows the door to be removed during installation or if damage occurs.

A constant 2mm gap is maintained between the door and frame by the dome location system.

Factory assembled to specified size and finished in RAL 9010 White 30% Gloss.

## TYPICAL SIZES AND WEIGHTS

Dim (X) mm	Dim (Y) mm	Kgs
300	300	3.0
450	450	4.0
600	600	6.0
600	900	8.0
600	1200	10.0

All doors hinge along dimension Y. All panels are single door

Available in sizes from 150mm x 150mm to 600mm x 1200mm. Larger panels available, see EMAC012.

### EMAC001

SECTION





## ACCESS PANELS

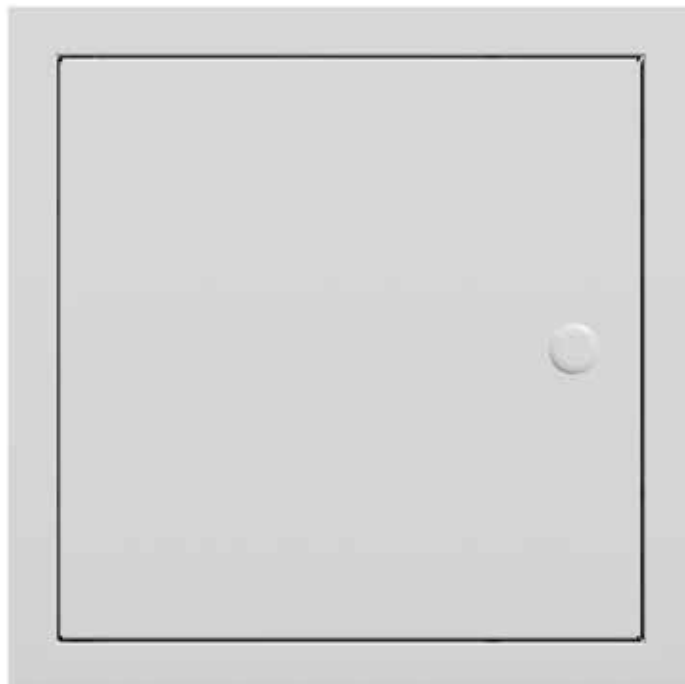
**SPEEDLINE STANDARD RANGE**

EMAC001FD60 - METAL DOOR (FIRE RATED)

**EMAC001FD60 FIRE RATED METAL DOOR****Key points to note**

- X and Y dimensions are outside rear frame.
- Overall frame depth is 50mm.
- Structural opening required for installation is (X+10) x (Y+10).
- Clear available access when installed, with door in the open position is (X-36) x (Y-12).

**NOTE:** Anti-microbial paint is available upon further enquiry.

**LOCK OPTION**

BUDGET LOCK

**LOCK OPTION**

5MM DOUBLE BARB INSERT LOCK

**LOCK OPTION**

UNSUITED/SUITED TAMPERPROOF LOCK

**LOCK OPTION**

UNSUITED/SUITED KEY LOCK



A one hour fire rated metal door range of lockable access panels offering versatility in wall and ceiling applications. Both beaded and picture frame options available.

**Composition and Manufacture**

1mm thick mild steel frame holds a metal door through a hinge system. The door is held closed with a budget lock opening towards the user. The key hole is protected by a plastic collar and bung. The hinge system allows the door to be removed during installation or if damage occurs.

A constant 2mm gap is maintained between the door and frame by the dome location system.

Factory assembled to specified size and finished in RAL 9010 White 30% Gloss.

A 10x2mm graphite intumescent strip surrounds the outer perimeter of the frame to provide fire protection. Fire rated to BS EN 1363-1:2002 60 minutes integrity performance.

**TYPICAL SIZES AND WEIGHTS**

Dim (X) mm	Dim (Y) mm	Kgs
300	300	3.1
450	450	4.1
600	600	6.1
600	900	8.1
600	1200	10.1

All doors hinge along dimension Y. All panels are single door

Available in sizes from 150mm x 150mm to 600mm x 1200mm. Larger panels available, see EMAC012FD60.

**EMAC001FD60**

SECTION

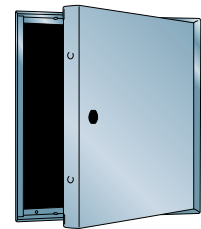




## ACCESS PANELS

# SPEEDLINE STANDARD RANGE

EMAC003 - PLASTERBOARD DOOR

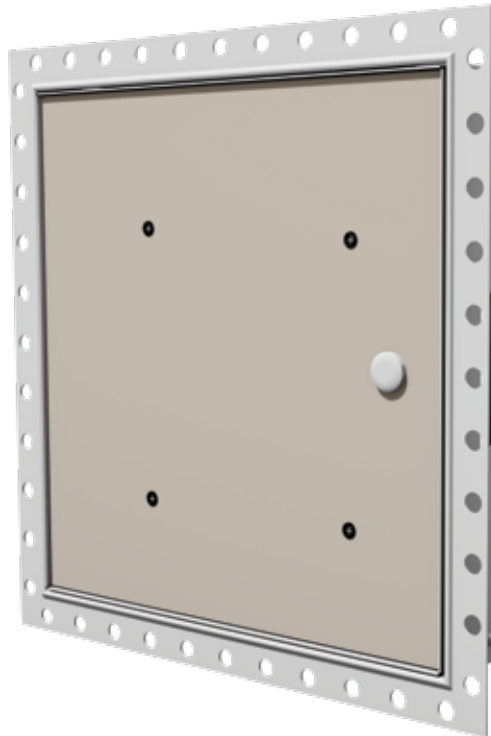


## EMAC003 PLASTERBOARD DOOR

### Key points to note

- X and Y dimensions are outside rear frame.
- Overall frame depth is 50mm.
- Structural opening required for installation is (X+10) x (Y+10).
- Clear available access when installed, with door in the open position is (X-36) x (Y-12).

**NOTE:** A one hour fire rated version is available (EMAC003FD60). Anti-microbial paint is available upon further enquiry.



### LOCK OPTION

BUDGET LOCK



### LOCK OPTION

5MM DOUBLE BARB INSERT LOCK



### LOCK OPTION

UNSUITED/SUITED TAMPERPROOF LOCK



### LOCK OPTION

UNSUITED/SUITED KEY LOCK



Supplied with a beaded frame and a fully removable plasterboard door, this product can be fitted into a pre-cut opening in a variety of wall or ceiling systems. This is ideal for a seamless finish which conceals both door and frame.

### Composition and Manufacture

A 1mm thick mild steel panel incorporating a simulated edge bead profile (BD). The metal frame holds a plasterboard door through a sliding hinge system. The door is held closed with a budget lock which opens towards the user. The key hole is protected by a plastic removable bung. The hinge system allows the door to be removed during installation or if damage occurs.

A constant 2mm gap is maintained between the door and frame by the dome location system

Factory assembled to specified size and finished in RAL 9010 White 30% Gloss

## TYPICAL SIZES AND WEIGHTS

Dim (X) mm	Dim (Y) mm	Kgs
300	300	3.1
450	450	5.4
600	600	7.9

All doors hinge along dimension Y. All panels are single door

Available in sizes from 150mm x 150mm to 600mm x 600mm. Larger panels available, see EMAC004.

### EMAC003

SECTION





## ACCESS PANELS

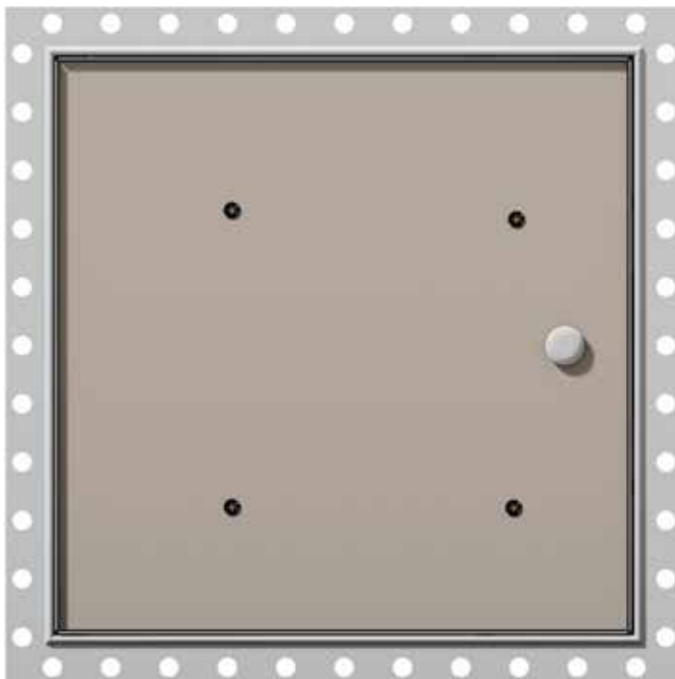
**SPEEDLINE STANDARD RANGE**

EMAC003FD60 - PLASTERBOARD DOOR (FIRE RATED)

**EMAC003FD60 FIRE RATED  
PLASTERBOARD DOOR****Key points to note**

- X and Y dimensions are outside rear frame.
- Overall frame depth is 50mm.
- Structural opening required for installation is (X+10) x (Y+10).
- Clear available access when installed, with door in the open position is (X-36) x (Y-12).

**NOTE:** Anti-microbial paint is available upon further enquiry.

**LOCK OPTION**

BUDGET LOCK

**LOCK OPTION**

5MM DOUBLE BARB INSERT LOCK

**LOCK OPTION**UNSUITED/SUITED  
TAMPERPROOF LOCK**LOCK OPTION**UNSUITED/SUITED  
KEY LOCK

A one hour fire rated plasterboard door access panel. Available in beaded frame with lock options for wall and ceiling applications.

**Composition and Manufacture**

A 1mm thick mild steel, frame holding a plasterboard door through a sliding hinge system. The door is held closed with a budget lock which opens towards the user. The key hole is protected by a plastic removable bung. The hinge system allows the door to be removed during installation or if damage occurs.

A constant 2mm gap is maintained between the door and frame by the dome location system.

Factory assembled to specified size and finished in RAL 9010 White 30% Gloss.

A 10x2mm graphite intumescent strip surrounds the outer perimeter of the frame to provide fire protection. Fire rated to BS EN 1363-1:2002 60 minutes integrity performance.

**TYPICAL SIZES AND WEIGHTS**

Dim (X) mm	Dim (Y) mm	Kgs
300	300	3.1
450	450	5.4
550	550	7.4
600	600	7.9

All doors hinge along dimension Y. All panels are single door

Available in sizes from 150mm x 150mm to 600mm x 600mm. Larger panels available, see EMAC004FD60.

**EMAC003FD60**

SECTION

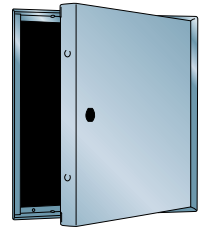




## ACCESS PANELS

**SPEEDLINE BUDGET RANGE**

EMAC002 - PICTURE FRAME, METAL DOOR

**EMAC002 PICTURE FRAME METAL DOOR****Key points to note**

- X and Y dimensions are outside rear frame.
- Overall frame depth is 40mm.
- Structural opening required for installation is (X+10) x (Y+10).
- Clear available access when installed, with door in the open position is (X-36) x (Y-12).

**LOCK OPTION**

COIN SLOTTED LOCK



An entry level panel offering a simple solution for areas where security is not critical. Available in picture frame only.

**Composition and Manufacture**

The 1mm mild steel picture frame profile is suitable for retrofit purposes. The frame holds a metal door through a simple screw hinge system. The door is held closed with a coin operated lock which opens towards the user. The screw hinge system allows the door to be removed during installation or if damage occurs.

A constant 2mm gap is maintained between the door and frame.

Factory assembled to specified size and finished in RAL 9010 White 30% Gloss.

**TYPICAL SIZES AND WEIGHTS**

Dim (X) mm	Dim (Y) mm	Kgs
200	200	1.0
300	300	1.0
450	450	3.0
600	600	4.0

All doors hinge along dimension Y. All panels are single door

Speedline EMAC002 panels are available in the above sizes only.

**EMAC002**

SECTION





## ACCESS PANELS

**SPEEDLINE BUDGET RANGE**

EMAC006 - PLASTIC DOOR

**EMAC006 PLASTIC DOOR****Key points to note**

- X and Y dimensions are nominal outside rear frame.
- Overall frame depth is 20mm with the door in the closed position. The door in the fully open position adds a further 8mm along the hinge side.
- Structural opening required for installation should be 6-8mm larger than the panel size selected.
- See page 152 for Installation Guidelines.

**Lock options**

No locking facility is available on this range. The door can easily be opened with a standard flat-head screwdriver.



A plastic access panel providing an economic, non-locking solution to a multitude of ceiling and wall applications. Suitable where access to valves, plumbing and switches etc requires simple un-hindered access without the need for security. Ideally suited to domestic/residential situations, either as a new-build or retro-fit following remedial work.

**Composition and Manufacture**

The door and frame are manufactured separately from injection moulded high-impact white styrene plastic to a nominal material thickness of 3.5mm. Finish is self-colour white, lightly textured for painting or wall papering on-site if required.

The door is easily removable from the frame requiring no tools. A simple pivot is moulded into the door rear. The door is kept closed by concealed, integral location lugs.

**TYPICAL SIZES AND WEIGHTS**

Dim (X) mm	Dim (Y) mm	Kgs
152	102	0.15
203	203	0.22
152	228	0.30
300	300	0.48

All doors hinge along dimension Y. All panels are single door

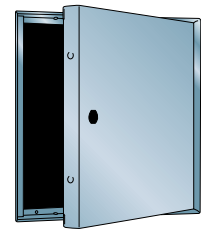
355 x 355 & 558 x 558 sizes also available for wall use only.

**EMAC006****SECTION**

## ACCESS PANELS

# SPEEDLINE PREMIUM RANGE

## EMAC011 - CEILING LOFT HATCH



### EMAC011 CEILING LOFT HATCH

#### Key points to note

- X and Y dimensions are outside rear frame.
- Overall frame depth is 55mm.
- Structural opening required for installation is (X+10mm) x (Y+10mm).
- Clear available access when installed, with door in the open position is (X-24mm) x (Y-60mm).

**NOTE:** Anti-microbial paint is available upon further enquiry.

#### LOCK OPTION

THREE WAY BUDGET LOCK



#### LOCK OPTION

5MM BIT



#### LOCK OPTION

IP65 LOCK



#### LOCK OPTION

EURO PROFILE LOCK



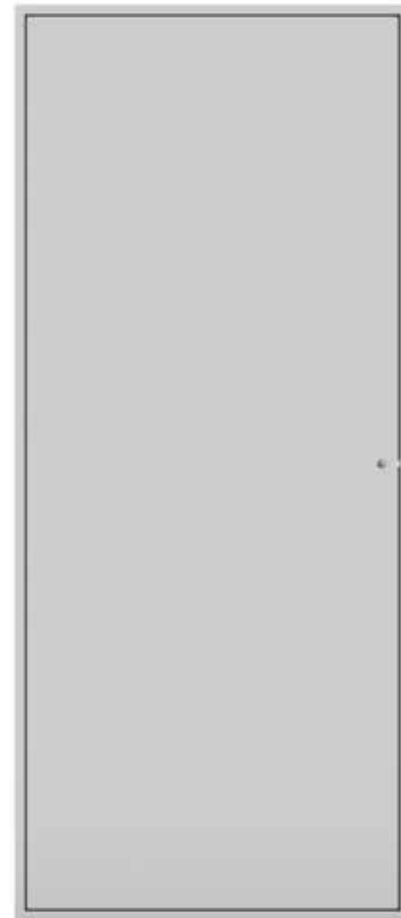
Designed to provide access between timber truss, joisted plaster, and plasterboard ceilings where access to loft space is required.

#### Composition and Manufacture

The metal frame holds a flush metal door through hinges to one side. The door is held closed with a number of lock options. The door opens down towards the user and is removable during installation or if damage occurs. Panels with simulated dry wall beaded frames are jointed/skim-plastered and then decorated on site to match the colour/texture of the adjacent finish. Picture frame panels are finished white RAL 9010 so require no finishing after installation.

A 2mm gap is maintained between the door and frame by the door locking system.

Factory assembled to specified size and finish in RAL 9010 White 30% Gloss.



Frame: 1.2mm thick, mild steel. EPDM seals are fitted all around.

Door: 1.2mm thick, mild steel flush faced tray finished white powder coated. The door rear is made up of a 30mm Rw3 Rockwool Slab covered by 12.5mm plasterboard.

#### TYPICAL SIZES AND WEIGHTS

Dim (X) mm	Dim (Y) mm	Kgs
600	600	15
600	900	20

All panels are single door

Nominal only: Actual size is dependant on the selected tile.  
Minimum size is 200 x 200mm

#### EMAC011

SECTION





## ACCESS PANELS

SPEEDLINE PREMIUM RANGE  
(CEILINGS)

EMAC007 - CEILING LAY-IN GRID

## EMAC007 LAY-IN GRID

## Key points to note

- X and Y dimensions on the EMAC007 is the tee grid module size. The panel is manufactured to the specified ceiling system quoted when ordering.
- Overall frame depth is 80mm.
- If the door needs to be painted to match the colour of tee grid selected, the colour specification should be quoted at the ordering stage, or a sample sent to Speedline for matching (contact your local Speedline stockist for more information).
- Panels should be independently supported on threaded rod or angle.
- Panels 600 x 1200mm or larger should be braced to prevent any lateral movement to prevent the panel's additional weight, and operating forces exerted on it during installation and operation, being transferred to the lightweight ceiling system.



## LOCK OPTION

BUDGET LOCK



## LOCK OPTION

5MM BIT



Speedline EMAC007 is a ceiling access panel designed for mineral fibreboard tiles on exposed grid.

## Composition and Manufacture

The welded metal frame holds a metal door tray designed to accept the same selected ceiling tile as in the surrounding ceiling. The door is hinged via fully adjustable concealed hinges and is held closed by either a concealed budget lock or security key lock that opens towards the user. The door is removable to facilitate installation of the ceiling board or if future damage occurs. A metal faced door option is also available.

Panels are manufactured to suit exact tile modules, either as 600mm or as 1200mm, square or rebated (regular) edge and 24mm or 15mm wide tee grid systems.

Panels are supplied in RAL 9010 White 30% Gloss unless they are specified to match the tee grid colour, as is usual for panels that contain 'dummy' tee sections.

## TYPICAL SIZES AND WEIGHTS

Dim (X) mm	Dim (Y) mm	No. of locks (without tile)	Kgs
300	300	1	3.0
450	450	1	6.0
600	600	1	11.0
600	1200	2	22.0

All doors hinge along dimension y. All panels are single door. Larger panels are manufactured as a double door with a removable central locking spar.

Module only, actual size is dependant on the selected tile and grid.

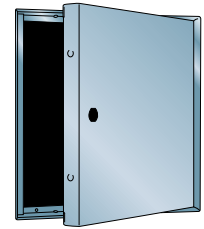
## EMAC007

SECTION



# SPEEDLINE PREMIUM RANGE (CEILING)

EMAC014 & EMAC015 - CEILING CIRCULAR DOOR

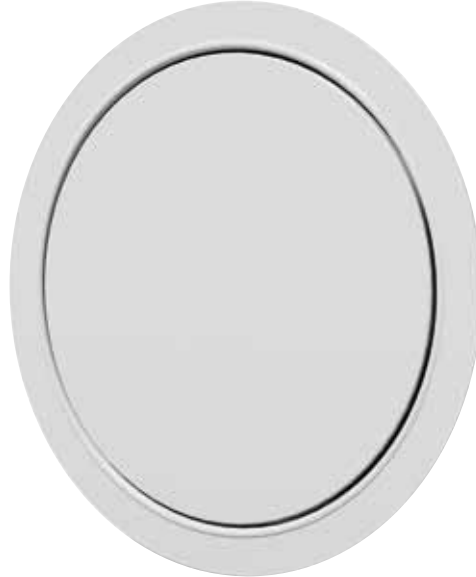


## EMAC014 & EMAC015 CIRCULAR DOOR

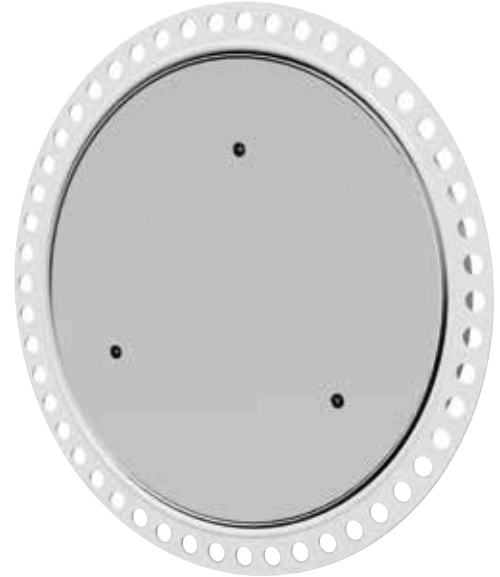
### Key points to note

- Diameter dimensions are outside rear frame.
- Overall frame depth is 35mm.
- Structural opening required for installation is (diameter +5).
- Clear available access when installed, with door in the open position is (diameter -36mm).

**NOTE:** Anti-microbial paint is available upon further enquiry.



**EMAC014**  
METAL



**EMAC015**  
PLASTERBOARD

The Speedline EMAC014 & EMAC015 range of steel lockable access panels provides entry into jointless plaster/plasterboard ceilings, where access to mechanical and electrical services is required. Both beaded and picture frame options available.

### Composition and Manufacture

A metal frame (1.2mm thick steel incorporating a simulated edge bead profile finished white powder coated primer) holds a flush metal faced door or a plasterboard lined door through a bayonet lock retaining system. The bayonet lock retaining system allows the door to be removed during installation or if damage occurs. Panel frames are manufactured either as partially concealed (beaded frame) fully concealed (beaded frame and plasterboard door) or alternatively, manufactured for retrofitting where the 25mm picture frame is visible.

Factory assembled to specified size and finished in RAL 9010 White 20% Gloss.

## TYPICAL SIZES AND WEIGHTS

	EMAC014	EMAC015
Dim (X) mm	Kgs	Kgs
200	1	1.5
300	1.5	2.0
450	2.6	3.2
600	4.0	4.8

All panels are single door

Available in sizes from 200mm diameter to 900mm diameter.

### EMAC014 SECTION



### EMAC015 SECTION





## ACCESS PANELS

**SPEEDLINE PREMIUM RANGE**

EMAC004 - CEILING &amp; WALL PLASTERBOARD DOOR

**EMAC004 – BEADED FRAME PLASTERBOARD DOOR****Key points to note**

- X and Y dimensions are outside rear frame.
- Overall frame depth is 50mm.
- Structural opening required for installation is (X+10) x (Y+10).

**NOTE:** One hour fire rated version is available (see EMAC004FD60). Anti-microbial paint is available upon further enquiry.

**LOCK OPTION**

BUDGET LOCK

**LOCK OPTION**

5MM DOUBLE BARB INSERT LOCK

**LOCK OPTION**

UNSUITED/SUITED TAMPERPROOF LOCK

**LOCK OPTION**

UNSUITED/SUITED KEY LOCK



The Speedline EMAC004 standard plasterboard door range of steel lockable access panels offers the ultimate versatility in wall and ceiling applications available with a beaded frame.

**Composition and Manufacture**

The welded (1mm thick, factory welded, mild steel) metal frame holds a metal door tray that is hinged via sliding hinges and is held closed by either a budget lock or a tamper proof lock. The door then opens towards the user. The door is plasterboard lined and removable to aid installation or if damage occurs. Panel frames are manufactured either as fully concealed, so that after installation only a 2mm wide door line is visible, or alternatively, manufactured for retrofitting where the 25mm picture frame surround is visible.

A constant door gap is maintained between the door and frame by the dome location system.

Factory assembled to specified size and finished in RAL 9010 White 30% Gloss.

**TYPICAL SIZES AND WEIGHTS**

Dim (X) mm	Dim (y) flush mm	Plasterboard Door (Kgs)
900	900	30
600	1200	26

All doors hinge along dimension Y. All panels are single door

Larger sizes available, please contact your local branch of SIG.

**EMAC004**

SECTION

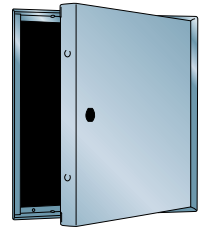




## ACCESS PANELS

# SPEEDLINE PREMIUM RANGE

EMAC004FD60 - PLASTERBOARD DOOR (FIRE RATED)



6

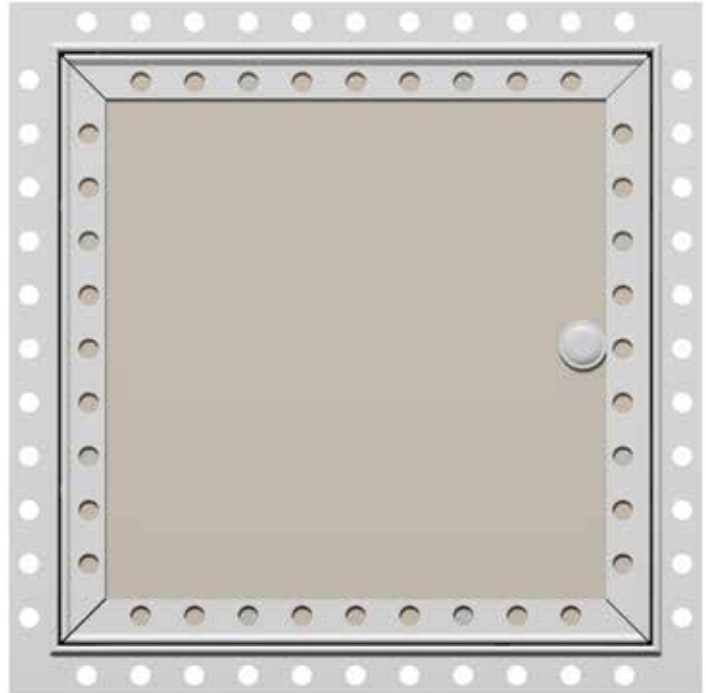
SPEEDLINE BUDGET RANGE

### EMAC004FD60 FIRE RATED BEADED FRAME AND PLASTERBOARD DOOR

#### Key points to note

- X and Y dimensions are outside rear frame.
- Overall frame depth is 50mm.
- Structural opening required for installation is (X+10) x (Y+10).

**NOTE:** Anti-microbial paint is available upon further enquiry.



#### LOCK OPTION

BUDGET LOCK



#### LOCK OPTION

5MM DOUBLE BARB INSERT LOCK



#### LOCK OPTION

UNSUITED/SUITED TAMPERPROOF LOCK



#### LOCK OPTION

UNSUITED/SUITED KEY LOCK



The Speedline EMAC004FD60 is a one hour fire rated standard plasterboard door range of steel lockable access panels offering the ultimate versatility in wall and ceiling applications. Available with a beaded frame.

#### Composition and Manufacture

The welded (1.2mm thick, factory welded, mild steel) metal frame holds a metal door tray that is hinged and is held closed by either a budget lock or a tamper proof lock. The door then opens towards the user. The door is plasterboard lined and removable to aid installation or if damage occurs. Panel frames are manufactured either as fully concealed, so that after installation only a 2mm wide door line is visible, or alternatively, manufactured for retrofitting where the 25mm picture frame surround is visible.

A constant door gap is maintained between the door and frame by the dome location system.

Factory assembled to specified size and finished in RAL 9010 White 30% Gloss.

#### TYPICAL SIZES AND WEIGHTS

Dim (X) mm	Dim (y) flush mm	Plasterboard Door (Kgs)
900	900	30
600	1200	26

All doors hinge along dimension Y. All panels are single door

Available in sizes from 150mm x 150mm to 600mm x 1200mm. Larger sizes are available, please contact your local branch of SIG.

#### EMAC004FD60

SECTION





## ACCESS PANELS

**SPEEDLINE PREMIUM RANGE**

EMAC012 - RISER DOORS

**EMAC012 RISER DOOR FOR SIZES GREATER THAN 1200MM X 600MM****Key points to note**

- X and Y dimensions are outside rear frame.
- Overall frame depth is 55mm.
- Structural opening required for installation is (X+10) x (Y+10).

**NOTE:** One hour fire rated version is available (see EMAC012FD60). Anti-microbial paint is available upon further enquiry.

**Bespoke Panels**

Bespoke panel sizes can be manufactured to suit non standard and site specific access requirements.

**LOCK OPTION**

THREE WAY BUDGET LOCK

**LOCK OPTION**

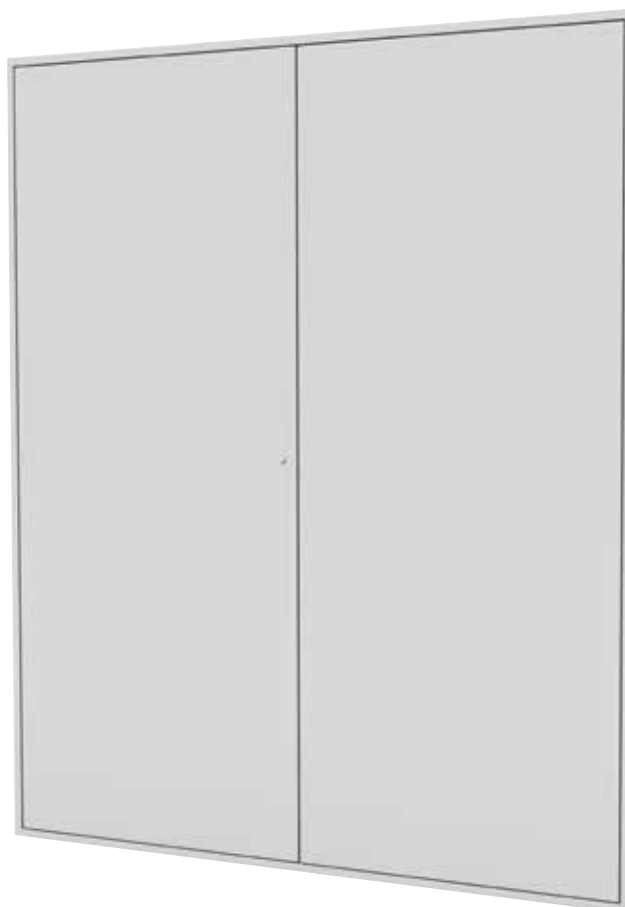
5MM DOUBLE BARB INSERT LOCK

**LOCK OPTION**

IP65 LOCK

**LOCK OPTION**

EURO PROFILE LOCK



The Speedline EMAC012 range of lockable access panels is available in a variety of designs into jointless plaster/ plasterboard and masonry walls and partitions.

**Composition and Manufacture**

A precision welded, strong metal frame (1.2mm thick mild steel, incorporating either a simulated dry wall edge bead profile or picture frame, holds a flush metal door through a concealed hinge. The door is held closed with a choice of locking systems and opens outwards towards the user. Doors are removable if damage occurs during installation. Panels with simulated drywall beaded frames are jointed/plastered over on site and finished to match the colour/texture of the adjacent surface. Retrofitted panels have a picture frame.

A constant 2mm gap is maintained between the door and frame by the dome location system.

Factory assembled to specified size and finished in RAL 9010 White 30% Gloss.

**TYPICAL SIZES AND WEIGHTS**

Dim (X) mm	Dim (Y) mm	Kgs
600	1200	12

All doors hinge along dimension y. All panels above are single door and come with budget three way lock as standard

**EMAC012**

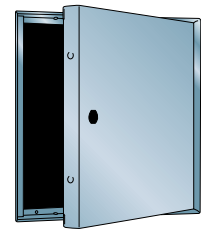
SECTION



## ACCESS PANELS

# SPEEDLINE PREMIUM RANGE

EMAC012FD60 - RISER DOORS (FIRE RATED)

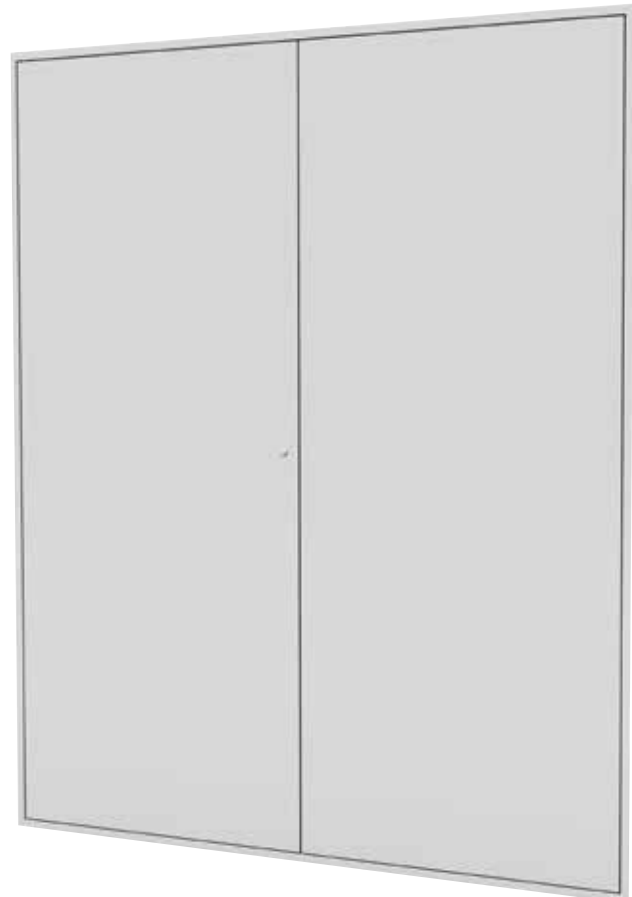
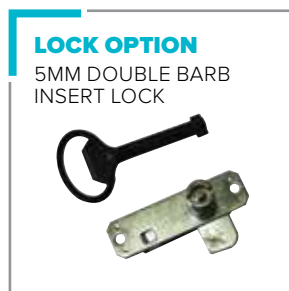
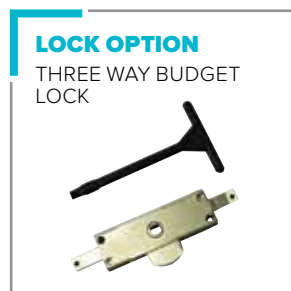


**EMAC012FD60 RISER DOOR FIRE RATED FOR SIZES GREATER THAN 1200MM X 600MM**

### Key points to note

- X and Y dimensions are outside rear frame.
- Overall frame depth is 55mm.
- Structural opening required for installation is (X+10) x (Y+10).

**NOTE:** Anti-microbial paint is available upon further enquiry.



The EMAC012FD60 range of lockable access panels is available in a variety of designs that can provide up to 1 hour fire resistance into jointless plaster/plasterboard and masonry walls and partitions. Suitable for use in protected zones where access to mechanical and electrical services is required without compromising aesthetics and fire safety.

### Composition and Manufacture

A precision welded, strong metal frame (1.2mm thick mild steel, incorporating either a simulated dry wall edge bead profile or picture frame) holds a flush metal door through a concealed hinge. The door is held closed with a choice of locking systems and opens towards the user. Doors are removable if damage occurs during installation. Panels with simulated drywall beaded frames are jointed/plastered over on site and finished to match the colour/texture of the adjacent surface. Retrofitted panels have a picture frame.

A constant 2mm gap is maintained between the door and frame by the dome location system.

Factory assembled to specified size and finished in RAL 9010 White 30% Gloss.

### TYPICAL SIZES AND WEIGHTS (nominal values only)

Dim (X) mm	Dim (Y) mm	Kgs
600	1200	12

All doors hinge along dimension y. All panels above are single door and come with budget three way lock as standard





## ACCESS PANELS

**SPEEDLINE PREMIUM RANGE**

EMAC005 - TILED DOOR

**EMAC005 TILED DOOR****Key points to note**

- X and Y dimensions on the EMAC005 are the manufactured panel size and relate to the door size that is obtained from the tile module and grout thickness multiples. Tile size, thickness and grout width must be specified when ordering.
- Overall frame depth is 50mm. Minimum grout thickness is 1 mm.
- Structural opening required for EMAC005 installation is  $(X + (2 \times \text{grout width}) + 10) \times (Y + (2 \times \text{grout width}) + 10)$ . Use suitable packing at fixing points between the frame and structural wall to maintain trueness and rigidity. The resulting gaps between the full tiles and frame are filled with flexible mastic.

**NOTE:** Anti-microbial paint is available upon further enquiry.

**LOCK OPTION**  
BUDGET LOCK**LOCK OPTION**  
5MM DOUBLE BARB INSERT LOCK**LOCK OPTION**  
TOUCH CATCH

The Speedline EMAC005 range of access panels provides access into tiled walls, where access to mechanical and electrical services is required. It is a strong, purpose made, access panel designed to provide a simple yet secure means of accessing building services through ceramic tile or marble/stone clad walls.

**Composition and Manufacture**

All standard panels are for internal use and only in areas of normal humidity. For areas of high humidity or in tile walls that will get wet, stainless steel should be used. The grout width is usually filled with soft silicone mastic for a totally concealed and sealed solution. The mastic is easily removable for emergency access and can be quickly resealed on completion of the service or repair.

The metal frame holds a plasterboard faced door through a sliding hinge system. The door is held closed with a budget lock which opens towards the user with the key hole protected by a plastic removable bung. The hinge system allows the door to be removed during installation or if damage occurs.

A constant 3mm gap is maintained between the door and frame by the dome location system.

Factory assembled to specified size and finished in RAL 9010 White 30% Gloss.

**TYPICAL SIZES AND WEIGHTS**

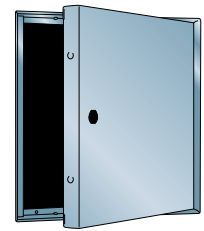
Dim (X) mm	Dim (Y) mm	Kgs
300	300	3.1
450	450	5.4
550	550	7.4
600	1200	7.9

All doors hinge along dimension Y. All panels are single door

Larger sizes available, please contact your local branch of SIG.

**EMAC005**  
SECTION

# SPEEDLINE ACCESS PANELS LOCKING OPTIONS



Speedline offer a range of specialist locks as featured in this guide:

**BUDGET LOCK**



**COIN SLOTTED LOCK**



**DOUBLE BARB INSERT LOCK (5MM)**



**METAL TEE KEY**



**PLASTIC TEE KEY**



**THREE WAY BUDGET LOCK**



**UNSUITED - SUITED KEY LOCK**



**UNSUITED - SUITED  
TAMPERPROOF LOCK**



**IP65 LOCK**



**EURO PROFILE LOCK**



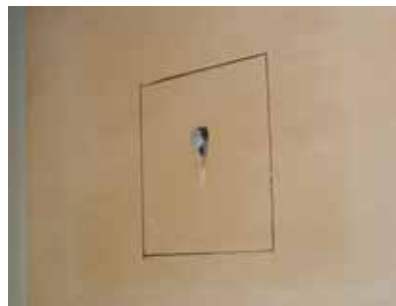


## ACCESS PANELS

# SPEEDLINE BUDGET RANGE INSTALLATION GUIDE

**STAGE 1**

It is easy to insert a plastic Speedline access panel into a wall.

**STAGE 2**

Mark out the inner perimeter of the access panel frame body on to the wall the panel is to be fitted in.

**STAGE 3**

Cut along the marking using a board saw or similar equipment.

**STAGE 4**

Remove the door by unclipping the hinges from the frame and offer the frame into the newly cut opening.

**STAGE 5**

Using a glue adhesive, apply to the back of the plastic frame.

**STAGE 6**

Return the frame to the opening and fit, remove any excess adhesive from the frame surround.

**STAGE 7**

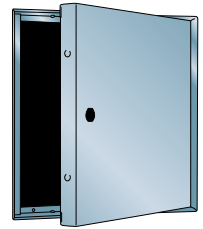
Re-clip the door back into place.

**STAGE 8**

Push the door back into the frame. To reopen the door, use a flat blade screw driver and insert gently into slot.



ACCESS PANELS  
**DETAIL**



6

DETAILS