Trim type: Shadow gap
Fire rating: FD30

Enigma
Pocket sliding door systems

FD30 S
Installation instructions
Thank you for choosing Enigma

To ensure the installation process is simple and efficient we recommended you read this guide in full before you begin.

Getting started

Before you start installation ensure you have read and understood the instructions.

Tools required

- Pencil
- Spirit level
- Cordless screwdriver
- Tape measure
- Tin snips or hacksaw
- Slot square
- Knife
- Power chop saw
- Allen keys (metric)
- Pin hammer

IMPORTANT

Fire certification guidance

If using a lock on a fire rated doorset the lock must be lined with a 1mm intumescent pad.

Flush door handles - Based on the test evidence cited within FEA/F97097 Revision G which permits the machining of the Halspan 30 Prima/Optima door core to a minimum thickness of 26mm in order to achieve a paneled door appearance, flush door handles may be fitted subject to the restrictions below:

1. Where handles are fitted back to back, handle thickness is limited to 9mm.
2. Where handles are staggered between the two leaf faces a maximum handle thickness of 15mm is permitted, the handle pockets must be separated by a minimum of 100mm of leaf core material.
3. Handle dimensions are limited to a maximum of 200mm in height and width at the thicknesses shown above.
4. Handles must be fitted a minimum of 125mm from leaf edges.
5. The pocket formed to receive the handles must be lined with 1mm thick Intarders or MAP paper from Dutay/ls Developments or Lorient Polyproducts Ltd.

Scan to watch the installation video.

www.selo-uk.com/video

Delivery

The Enigma pocket door system will be delivered in two boxes. One is the pocket frame and the other is the trim surround.

If a door leaf has been ordered this will come separately.
Enigma FD30
Shadow gap frame kit

Trim fixings

1. Type-6 25mm self drilling screws
2. Type-7 35mm self drilling drywall screws
3. Type-8 42mm self drilling drywall screws
4. Type-9 50mm gold screws
5. Type-7 42mm self drilling drywall screws
6. Type-5 25mm self drilling screws
7. 30mm Panel pins

Trim components

1. Head trim (Single door x1, Double door x2)
2. Leading edge trim (Single door x2, Double door x4)
3. Strike trim part 2 (Single door x2, Double door n/a)
4. Strike trim part 1 (Single door x1, Double door n/a)
5. Shadow gap cover trim (Single door x5, Double door x6)
6. Shadow gap plaster bead
7. Intumescent seals (20x4mm, 10x4mm)
8. Strike jamb seals

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A) Door leaf installation

With the FD30 concealed system the door leaf needs to be hung before the frame is fitted.

1. **Fit brush strip**
   - Cut the brush strip to length and fit to the leading edge aluminium profile.
   - **IMPORTANT**
     - If you are using the simultaneous opening mechanism then it needs to be installed before you fit the frame.

2. **Fit head brackets**
   - Fit the head brackets 150mm from edge of the door leaf to centre of the bracket. Use screws provided.
   - **IMPORTANT**
     1. If you are using the simultaneous opening mechanism then it needs to be installed now. If using a simultaneous opening the door leaf height needs to be reduced by an extra 5mm.
     2. If you are using a touch latch mechanism then fit plasterboard to one side of the wall only until the touch latch is fitted and working correctly.
     3. If using a self closer then please refer to the self closer installation instructions.

3. **Fit the guide channel**
   - Tap the black nylon door guide channel into the groove in the bottom of the door.

4. **Assemble gear**
   - Insert trolley’s into track and adjust the bolts so it sits 20-25mm beneath the track.
Hang the door

Hang the rear door bracket onto the trolley bolt.

5.1 The bracket fits onto the bolt as shown

5.2 Feed the rest of the door at least halfway into the pocket and hang the front bracket onto the trolley bolt

5.3 Ensure the door is plumb and level. Bolts in the roller trolley can be used for adjustment

Fit track end block

The track end block fits at the end of the track for a single door and in the middle of the two tracks for a double door.

First drill a pilot hole and fix the block into place using the type 10 screw.

Fit the front door stop

Slide the white nylon door stop into the track and fix into place by tightening the grub screw.

IMPORTANT
If using a soft closer follow the specific soft closer instructions.

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B) Trim installation

Now the door leaf is hung you are ready to install the concealed frame.

1 Install leading edge trim

Cut the leading edge trim to the height of the opening and fix into the aluminium profile flange using Type-5 screws.

2 Install strike trim part 1

Cut the strike trim part 1 to the opening height (underside of the head profile to floor) + 10mm. Notch the top of EN03 so it fits centrally in the head channel.

**IMPORTANT**

When installing double doors the strike jamb will not be used.

3 Install strike trim part 2

Cut the strike trim part 2 to the opening height. Fit either side of the strike trim part 1 as shown and fix into place using Type-6 screws.

4 Install head trim

Cut the head trim to the distance between the two timber side jambs. Slot into place in the head.

5 2nd layer of plasterboard

Clad the pocket with a second layer of plasterboard over the timber frame. Using Type-7 screws.
Now the wall can be plastered or taped and jointed up to the plasterboard shadow gap trim. Once the plaster/jointing compound has dried the walls and trims can be decorated.

**IMPORTANT**
Before plastering in the trims, using a laser level ensure that they are straight and true.

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**5a 2nd layer of plasterboard**

The second layer of plasterboard needs to stop short of the timber frame edge by 40mm. This allows for the shadow gap and trims.

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**6 Fit the shadow gap trim**

Cut the timber shadow gap trim to height and width. It will need to be mitred at 45 degrees in the corners.

Fix the trim into place using pins.

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**7 Fit the shadow gap plaster bead**

Cut the shadow gap plaster bead to length mitring it at the corners.

Fix into place using Type-8 screws.

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**8 Fix remote stop into place**

Adjust the remote stop so it holds the door flush with the pocket end and fix into place with the self drilling screw provided.

**IMPORTANT**
Once you have done this make sure you clear away any swarf that has dropped down from fixing the screw onto the track. If left there the swarf will stick to the trolley wheels and cause the wheels to ‘rumble’ as it opens and closes.

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**9 Final adjustment to front door stop**

Make final adjustment to the plastic to stop so that it stops and holds the door in its correct position.

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**10 Plaster/tape joint and paint**

Now the wall can be plastered or taped and jointed up to the plasterboard shadow gap trim.

Once the plaster/jointing compound has dried the walls and trims can be decorated.

**IMPORTANT**
Before plastering in the trims, using a laser level ensures that they are straight and true.
11 Fit seals

Intumescent seals
Fit the intumescent seals supplied into the grooves in the timber trims as per the drawings below.

Strike seals
The strike jamb seals are self adhesive and are fitted to the corner of the strike jamb.

11a Intumescent seal placement

In order to achieve a FD30 fire rating, intumescent seals must be fitted as shown.

If you have double doors the meeting stile of one door leaf needs the seals fitted as shown. These will be specifically labelled in the pack you receive.

Find out more

For help and advice with your installation contact our experienced team.

call 020 3880 0339 / email sales@selo-uk.com

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