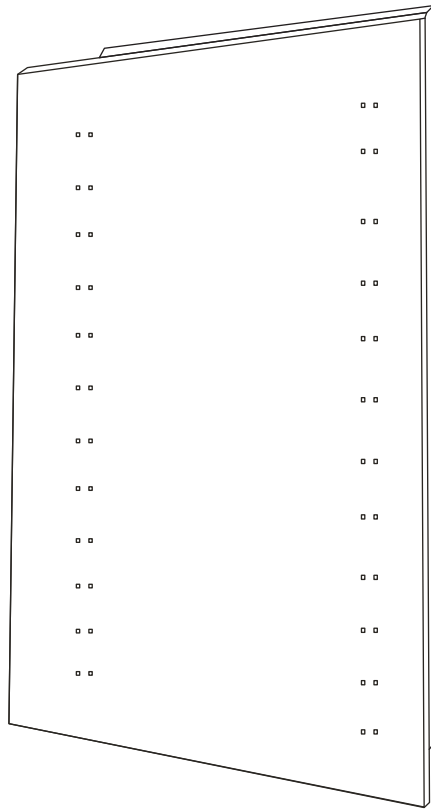


Installation Manual



Apply for all electric mirrors, battery mirrors and simple mirrors.

Please keep this page for your online registration.

FIFUMCW02V1.0

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Important Notes

Electrical Safety and Standards

- Products are manufactured to class I category and require earth connection (see Wiring Diagram).
- Mains power supply must be switched off prior to starting electrical installation.
- If there are only two wires coming from your power supply, fitting can be wired to an unearthed circuit.
- All electrical products should be fitted by a qualified electrician in accordance with national wiring regulations (BS61).
- Before drilling, ensure there are no hidden cables or pipes in the wall.
- Products are for in door use only.
- Moisture must not come into contact with the electrical components.
- Products rated ip44 can be installed in bathroom zone 2 only (see Bathroom Zones Diagram).

Compliance

Products in this manual comply with the following safety standards: BS EN 60598-1: 2008+ A11: 2009, EN60598-2-1: 1989.

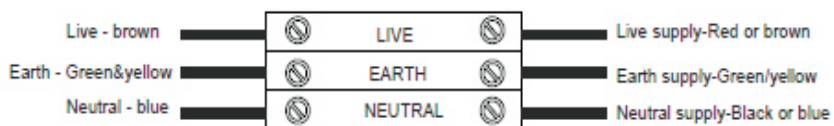
Other Safety Notes

- Work from a suitable platform when operating at heights.
- Wear suitable eye protection when drilling.
- Be careful when using power tools near water.

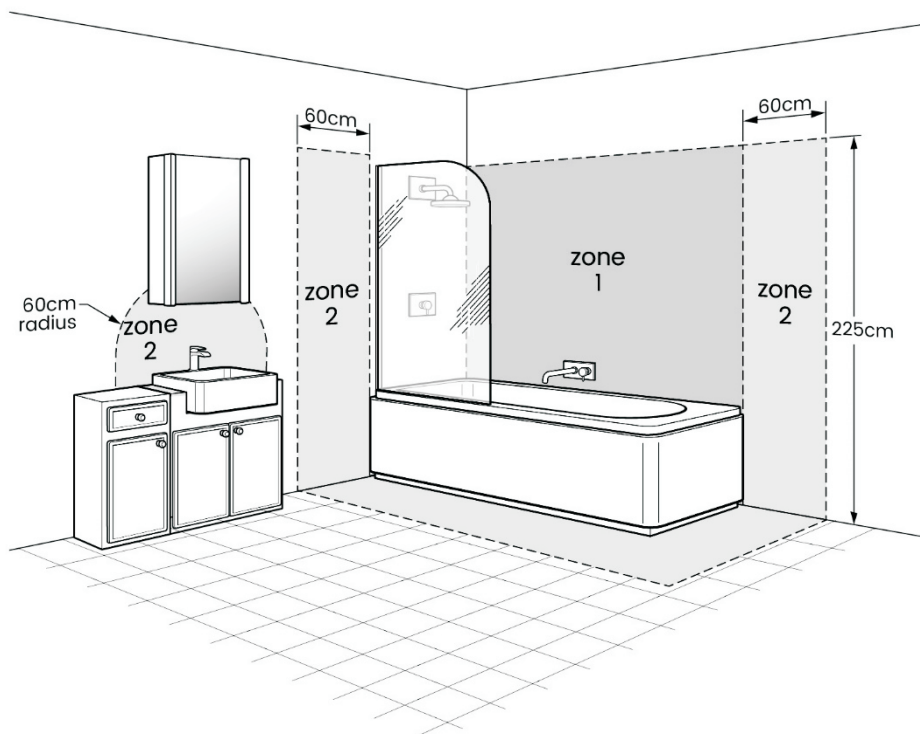
Wall Types

- Fixings supplied are generally for solid walls.
- For dry stud walls, purchase suitable fixings.
- For advice on suitable wall fixings, contact your local DIY store.
- If fitting on tiles, use a ceramic drill bit and insert wall plugs below the tile.


Wiring Diagram



Bathroom Zoes Diagram







Getting Started

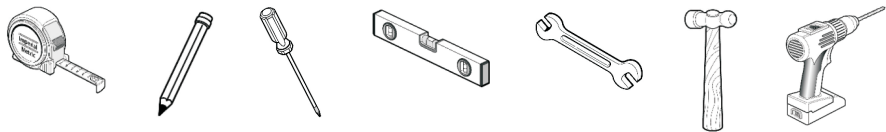
 Read the *Important Notes* on pages 2 and 3 before starting.

Fixtures

Fixtures are provided for certain mirror types. Where fixtures are not included, you will need to purchase suitable ones depending on your wall type. Examples of fixtures are provided below.

| | Recommended max load | Wall types suitable for | | |
|---|-------------------------|-------------------------|--------------|------|
| | | Brick | Plasterboard | Wood |
|  Double picture hook | 5kg | X | √ | √ |
|  Screw and raw plug | 20kg | √ | X | X |
|  Hanging hook | 40kg | √ | X | √ |
|  Plasterboard fastenings | 15kg | X | √ | X |

Tools Required



Installing Rectangular Battery Mirrors

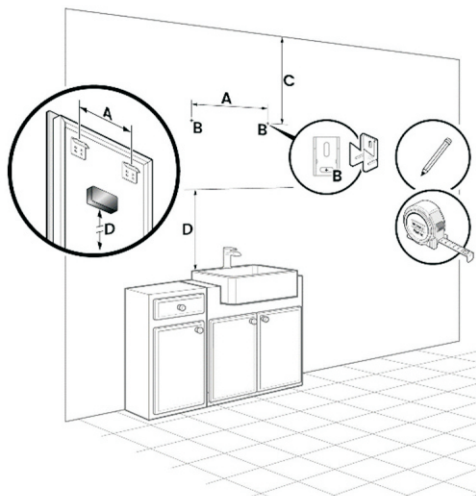
- 1 Take measurements and mark wall.

A = Distance between the hangers

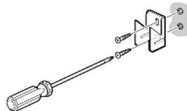
B = Hole points for brackets

C = Distance from top to the brackets

D = Minimum distance (150mm) required between the infrared sensor and any obstruction

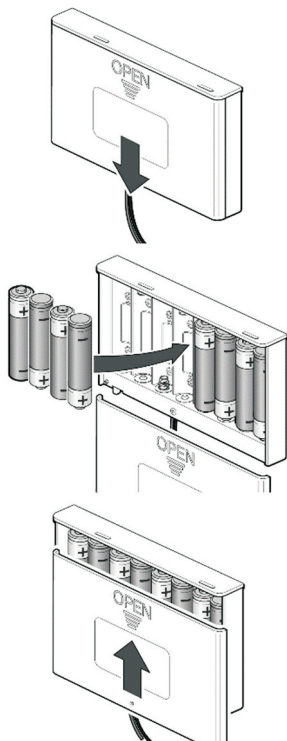


- 2 Drill holes, insert wall plugs and fit brackets (maximum tightened).



3

Slide down the battery cover , insert batteries and refit cover.



4

Place mirror on the brackets fitted and switch on.



NOTE: For this product, batteries will not be provided for transportation safety reason.

Installing Round Battery Mirrors

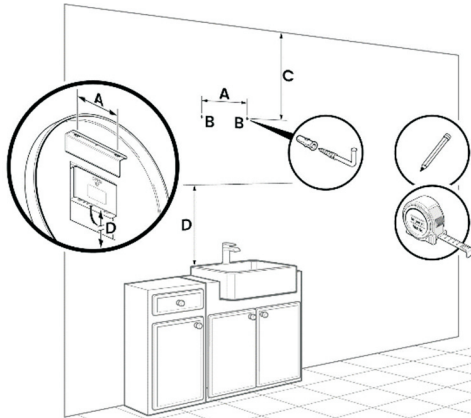
- 1** Take measurements and mark wall.

A = Distance between holes on bracket

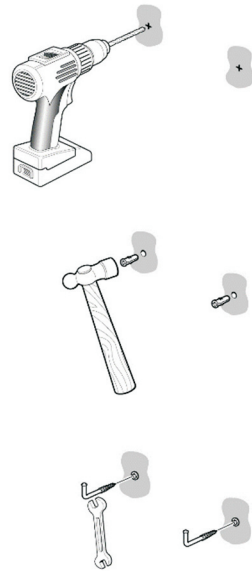
B = Holes points for bracket

C = Distance from top to bracket

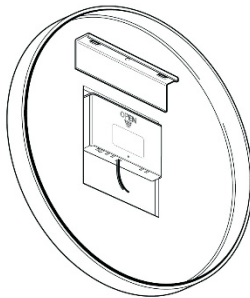
D = Minimum distance (150mm) required between the infrared sensor and any obstruction



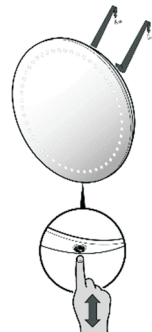
- 2** Drill holes, insert wall plugs and fix hooks.



- 3** Insert batteries (see page 7).



- 4** Place mirror on the hooks fitted and switch on.



Installing Electric Mirrors

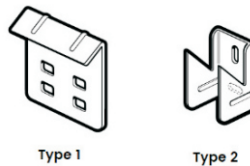
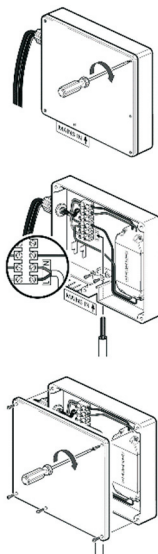
- 1 Follow steps 1–2 for battery operated mirrors (page 6).

Note: Ensure you check the bracket type supplied before taking measurements and drilling holes.

- 2 Remove the cover on the mirror.
Make the electrical connections.
Refit cover.



Ensure electrical supply at mains is off before starting.



Type 1

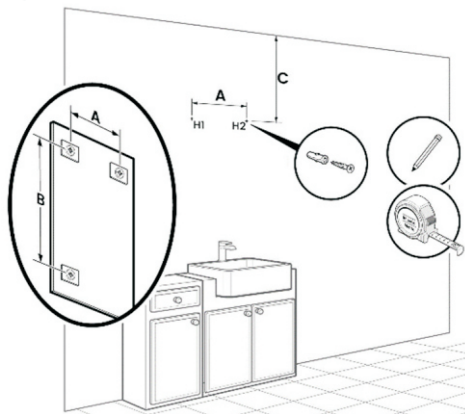
Type 2

- 3 Place mirror on the brackets fitted and switch on.



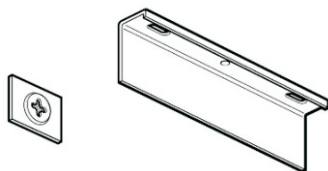
Installing Plain Mirrors

- 1 Take measurements and mark wall.



A = Distance between brackets (portrait)
 B = Distance between bracket (landscape)
 C = Distance from top to brackets
 H = Hole points for brackets

Note: Ensure you check the bracket type supplied before taking measurements and drilling holes.



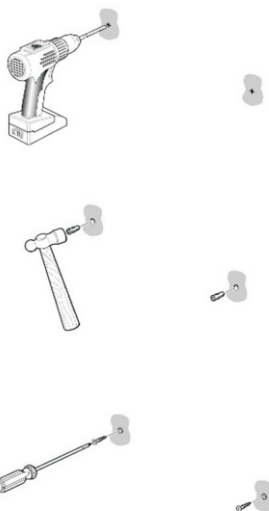
Type 1 (4-1)

Type 2 (4-2)

Screws for Type 1 (4-1)

Hooks for Type 2 (4-2)

- 2 Drill holes, insert wall plugs and fit hooks/screws.



- 3 Place mirror on the screws/hooks fitted.



Installing Mirrors with Shelves

- 1 Unscrew the screws (with gaskets) from the metal clips. Insert screws through the back holes on the mirror.



- 2 Fix the metal clips by tightening screws at the back.



- 3 Insert shelf (s) and tighten screws at the bottom of the clips.

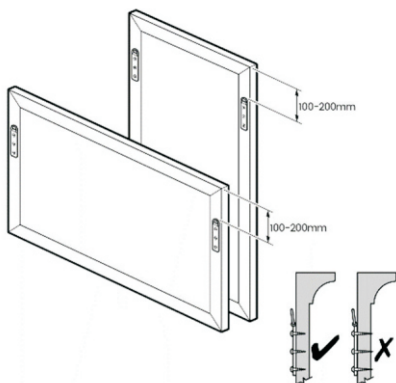


- 4 Hang up the mirror by following steps 1–3 for installing plain mirrors (page 10).



Installing Framed Mirrors

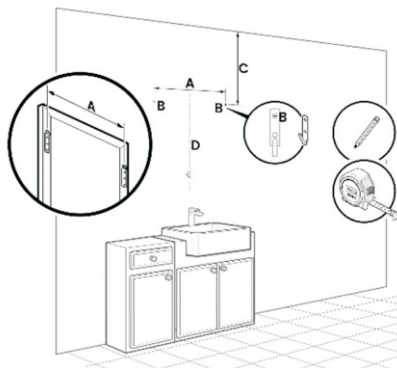
- 1 Choose the orientation of the mirror (landscape/portrait) and attach strap hangers (if not already attached).



Notes:

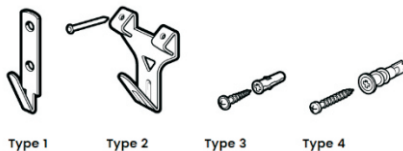
- Ensure you use the above measurements for the flattest finish.
- Ensure you choose screws for hangers that will not go through the frame when tightened.

- 2 Take measurements and mark wall.



- A = Distance between strap hangers
 B = Fastening points
 C = Distance from top to strap hangers
 D = Centre line from A

- 3 Establish exact fastening points (B) by marking two small lines from D ($D1 \& D2 = \frac{1}{2} \text{ length A}$). Then use the fastening types to mark the exact points.



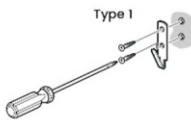
Note: These are just examples of fastening types. Others can be used.

4

Drill holes based on the fastening points marked (B) and attach fastenings to the wall.



Type 1



Type 2



Type 3



Type 4



5

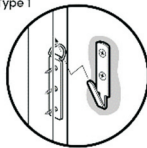
Place the mirror on the wall (one hook/screw at a time).

- a) Slip hanger ring over the hook/screw and slowly release mirror's weight from that side.
- b) Repeat for the other side.

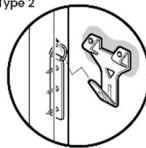
Ensure the strap hangers are on each hook securely before releasing the weight of the mirror.



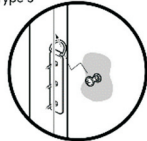
Type 1



Type 2



Type 3



Type 4

