

Bowater Doors

Fitting Instructions



Can't find what you're looking for?
Give us a call on **0191 410 6631**

Installer Name _____ Plot (house reference) _____ Date / /

WHAT YOU'LL NEED:

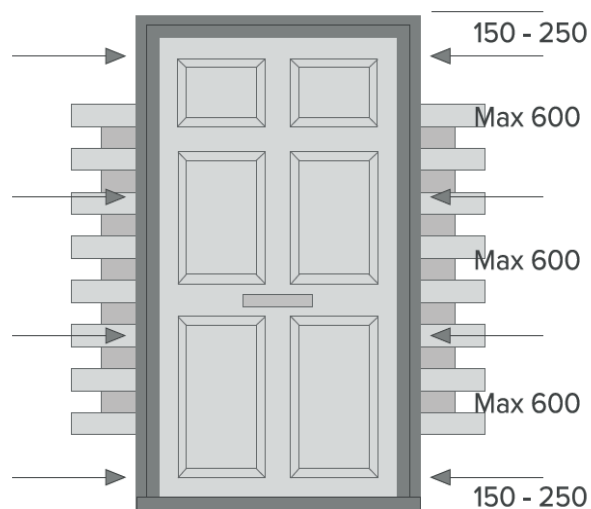
- Cream cleaner
- Glass cleaner
- Wood filler
- Non compressible shims (various thickness)
- 6ft (1800mm) spirit level
- 3ft (900mm) spirit level
- Minimum 6mm x 120mm concrete fixing (minimum length and diameter)
- Expanding Polyurethane foam

DOORS:

1. Pre-check door(s) for any sign of physical damage.
2. Ensure configuration of door-set is correct.
3. Check plot due for installation has suitable accessibility in order to manoeuvre finished product without incurring any damage. If there are accessibility problems please report to the site manager in the first instance or in the event that the site manager is unavailable contact the main office.
4. Read labels to ensure you have the correct product for the plot.
5. Remember to check glazing and hardware finish is correct before proceeding.
WHERE UNSURE PLEASE CHECK.
6. Remove all packaging keeping glass protection in place and dispose of rubbish.
7. Check aperture size against the door(s) supplied. If the job cannot be completed due to size errors please inform the site manager immediately.

INSTALLATION:

8. Remove the keys and handle pack attached to the side of the frame and keep in safe place.
9. Place the frame within the door aperture (using H&S guidelines) and centralise.
10. Ensure the frame is plumb and level by packing evenly at the jambs, behind each fixing point, using non compressible shims.
11. Using concrete fixings, minimum 6mm x 120mm length, fix through the jam 150mm from the head and cill joints and at maximum spacing of 600mm.
DO NOT OVER TIGHTEN AND DISTORT FRAME.
 - a. Starting from the hinge jamb. Check the frame for plumb after each fixing is inserted.
 - b. Fix the lock jamb ensuring parallel to the door leaf after each fixing is inserted.
 - c. Fix the head centrally if over 1200mm.
 - d. Fix the cill centrally if bowed or the length exceeds 1800mm. All cills should be adequately supported along the full length to avoid distortion or bounce.



The dimensions above are the maximum fixing centres

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- 12.** Fixings should be concealed where possible. Where fixings are visible they should be centrally across the jamb, equally spaced and the heads countersunk.
- 13.** Fit the door handle.
- 14.** Check the gap between door and frame for uniformity with particular attention the lock jamb and cill. Adjust if necessary.
- 15.** Adjust the frame keeps to create compression against frame seal.
 - a.** Adjust the centre keep to allow the door leaf to latch and compress the frame seal.
 - b.** Adjust the top and bottom keeps to create compression against the frame seal.
- 16.** For open out doors check the restrictor operation and adjust the tension if required.
- 17.** For front doors fit the door chain supplied within the door handle packaging.
- 18.** Carry out a final check for level, plumb and squareness of the frame.
- 19.** Check the door operates and locks in a smooth operation without excessive force.
- 20.** Fill and gaps around the frame with expanding polyurethane foam. Allow to expand to its maximum and cure before removing any excess material.
- 21.** For combinations of frames ensure these are sealed before joining together.
- 22.** Carry out a full visual inspection of the door set and rectify all minor issues.
- 23.** Ensure glass protection remains in place.
- 24.** Leave ALL fitting/maintenance instructions.
- 25.** If there are any issues with the door-set at any point highlight this below and send to:
door.sales@birtleygroup.co.uk Call for immediate advice on; **0191 410 6631**



Birtley Group

STRENGTH THROUGH QUALITY

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