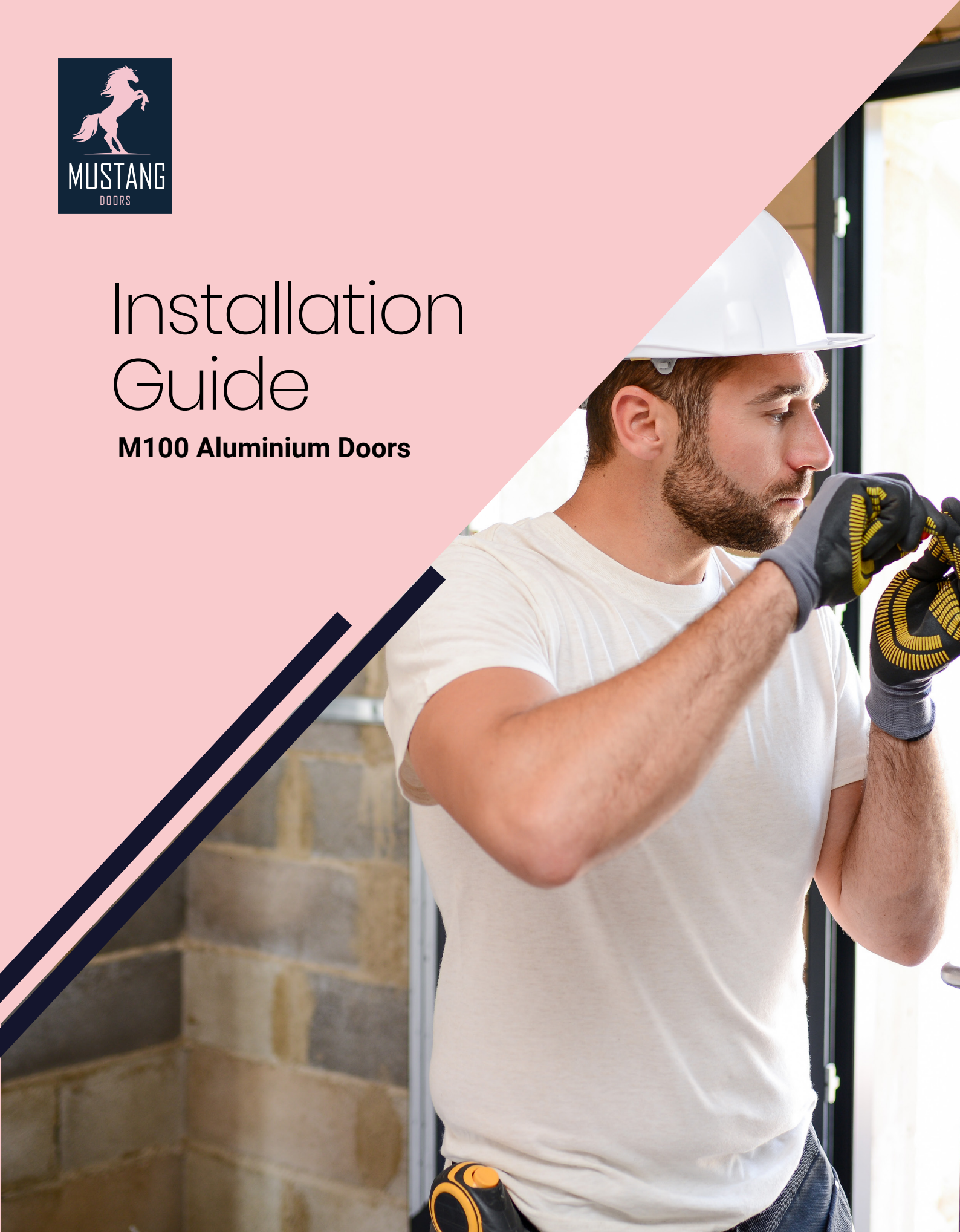




Installation Guide

M100 Aluminium Doors





■ **Our recommendation**

We recommend that you consider having your door installed by a competent and experienced installer.

With care, any capable DIY'er can install a Mustang Door.

■ **Key Points:**

1. If you are replacing an existing door, please measure the new door and check if it opens in or out before removing the old door and make sure that the threshold height and or cill and packers allows enough clearance to open the new door when fitted.
2. Please store your new door in a clean and obstacle free area before installing.
3. Make sure the aperture is level and as plumb as possible before starting to install.
4. REMEMBER – your door is relatively heavy and we recommend a 2 person lift!



Taking Delivery and Identification

Your door will arrive in a timber carcass, like in the picture below Mustang doors are packaged in this way to ensure that when you receive your door, you can see that it is perfect. If it is not, you must tell us immediately and before installing.

Your handles will be attached to the top of the timber frame in protective bubblewrap. When you unwrap the external bar handle, be careful not to lose the 2 small grub screws.

Your Keys

The keys for your door will always be screwed onto the timber sub-frame, see below.

TOP TIP

These doors are heavy and after you have fitted them, they will 'settle' a little. When fitting, always make sure that the door at the hinge side sits 1mm higher than at the lock side and that the top of the door at the hinge side sits 1mm further out (towards the outdoors) than at the bottom of the door. Professional installers who have fitted hundreds of Mustang Doors always follow this advice.

If you think anything is missing, or there is damage, alert Mustang Doors. **Please email sales@mustangdoors.co.uk**

Equipment Required

1. 1.8m Spirit level
2. 0.6m Spirit level
3. 4 winbag or similar inflatable fixing aids
4. Timber wedges
5. Percussion drill and 6mm SDS drill bits
6. Battery drill/driver with Torx BT30 bit if using direct fix frame anchors
7. PH2 and PZ2 screwdriver bits
8. Starfix direct-fix masonry anchors 120mm long
9. Gun grade expanding polyurethane foam and applicator
10. External grade silicone sealant with gun
10. Glazing packers and paddle when side or toplights are being installed, which are supplied with the door set



Preparation

Carefully unwrap your door and dispose of the timber sub-frame. It would be a good idea to protect your door with a blanket or dust sheet prior to installing, as conditions on site are seldom perfect.

Keep your door and all components away from hazardous materials like lime, cement or paint.

If your door has sidelights it is wise to de-glaze them at this point, because your door will be easier to manoeuvre. If you do, please store the glass units carefully making sure it does not touch a hard surface. It is a good idea to place the bottom of glass units on timber, to keep it off the ground.

To de-glaze your sidelights, first remove the gasket on the external face. Then carefully pop the corner joints out using a flat blade. Then remove the glazing beads, taking care that the glazed unit doesn't drop out.



Installation

Determine the finished floor level of your building because your Mustang door threshold sits at floor level. There is only 8mm of cover between the bottom of the door sash and the aluminium low threshold.

Threshold packers are available but must be ordered with your door to allow for finished door height.

Deglaze your sidelights if you haven't already, following procedure outlined above.

Unlock your door and open it to 90 degrees and carefully lift the door off its hinges.

Carefully set the door to one side and cover it with a dust sheet or similar.

You should either fit your door outerframe using fixing brackets or through the walls of the outer-frame. As a general rule, fixing brackets are used in new build applications and direct fix in replacement applications. If you did require them, please source a suitable stainless steel bracket from a Builders Merchant





Hanging your door

Re-hang your door on its hinges at 90 degrees open. Making sure the frame is clear of any debris particularly in the hinge and threshold areas. Then close the door against the frame.

Carefully align the door with the frame and check the shadow joint around the door/frame junctions as this should be equal all the way around with a 6mm gap (+/- 1mm). The door should close and the lock engage without undue force. If the door is mis-aligned or proud at any point, the frame may be twisted and should be realigned before proceeding any further.

Check the diagonal dimensions of the door frame to ensure the frame is square then check vertical plumb and fix the brackets to the adjoining walling as per section 4.

Once the door is mechanically fixed, check that the bottom door seals meet the threshold to give a weatherproof seal. If necessary, adjust the hinges to lower or raise the door (see separate sheet for hinge adjustment) to the correct position. Once the door is operating satisfactorily, seal the gap between perimeter of the frame and the wall. Depending on the gap size use either pre-formed sealant material (Compriband or similar), silicone sealant or low expansion foam sealant. Always keep the door in the closed position until the sealant has fully cured to avoid any movement in the frame.

Cleaning your door after installation

Surfaces should be only cleaned with neutral cleaning agents. Use warm soapy water in a ratio of 5% liquid soap and 95% water and simply wipe down with a damp cloth. Do not use abrasive or aggressive cleaners, bleach or other hydrochlorate (chlorine) based cleaners.

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