

# Single Action Fire Door Installation Manual

Single Action GRP Flush Door installed in a GRP Frame



Do not install, operate or service this product unless you have read and understand the related Safety Practices, Warnings, Installation and Operating Instructions contained in the manual. Failure to do so could lead to property damage, serious injury or even death!



## Installation Manual Index

<b>1.0 SAFETY PRACTICES .....</b>	<b>4</b>
1.1 USAGE OF SINGLE ACTION DOORS .....	5
<b>2.0 WELCOME NOTE .....</b>	<b>6</b>
<b>3.0 GENERAL INFORMATION .....</b>	<b>7</b>
3.1 WARRANTY POLICY .....	7
3.2 DOOR SET DELIVERY .....	8
3.3 IN THE CARTON .....	8
3.4 STORAGE OF DOORS .....	8
3.5 PERSONNEL PROTECTIVE WEAR .....	9
3.6 REQUIRED INSTALLATION TOOLS .....	10
<b>4.0 PRE-INSTALLATION.....</b>	<b>11</b>
4.1 IMPORTANT INSTALLATION INSTRUCTIONS .....	11
4.2 LIMITATION OF LIABILITY .....	11
4.3 SAFETY FIRST .....	12
4.3.1 Mechanical Precautions.....	12
4.3.2 Extra Safety Measures .....	12
4.3.3 Electrical Precautions.....	13
4.3.4 Maintenance.....	13
<b>5.0 STRUCTURAL OPENING .....</b>	<b>14</b>
<b>6.0 INSTALLATION OF DOOR FRAME .....</b>	<b>15</b>
6.1 PREPARATION FOR FRAME INSTALLATION .....	16
6.1.4 Complete frame assembly .....	16
<b>7.0 FITTING DOOR BLADE TO FRAME .....</b>	<b>20</b>
7.1 MOUNT DOOR BLADE TO THE FRAME .....	22
<b>7.2 COMPLETE INSTALLATION DOCUMENTATION .....</b>	<b>22</b>
7.3 OPERATION OF THE FIRE DOOR .....	22
<b>8.0 DEFECTS AND FAULTS .....</b>	<b>24</b>
8.1 DOOR DAMAGE .....	24
8.2 UNUSUAL NOISES .....	24
<b>9.0 PRODUCT CLEANING .....</b>	<b>25</b>
9.1 GENERAL .....	25
9.2 NATURAL ANODIZED ALUMINIUM .....	25
9.3 POWDER COATED ALUMINIUM.....	25
9.4 STAINLESS STEEL.....	25
<b>10.0 TECHNICIAN CHECKLIST .....</b>	<b>26</b>
<b>11.0 CERTIFICATE OF COMPLETION .....</b>	<b>27</b>

## 1.0 Safety Practices



The Safety Alert Symbol is the triangle with an exclamation mark that is used next to the signal word.

The safety alert symbol is used regularly throughout this document. It is used to alert you to potential personal injury hazards associated with the installation or use of this product. Please obey all safety messages that follow this symbol to avoid potential property damage, serious personal injury or even death.



**DANGER:** Indicates an imminently hazardous situation that, if not avoided will result in death or serious injury. This signal word is limited to the most extreme situations.



**WARNING:** Indicates a potentially hazardous situation that, if not avoided, could result in death or serious injury. Hazards identified by the signal word WARNING present a lesser degree of risk or injury than those identified by the signal word DANGER



**CAUTION:** Indicates a potentially hazardous situation that, if not avoided, may result in minor or moderate injury. It may also be used to alert against unsafe practices, associated with events that could lead to personal injury



**NOTICE:** Indicates a statement of company policy directly or indirectly related to the safety of personnel or protection of property. This signal word should not be associated directly with hazardous situations and shall not be used in place of danger, warning or caution



Do not install, operate or service this product unless you have read and understand the related Safety Practices, Warnings, Installation and Operating Instructions contained in the Manual. Failure to do so could lead to you Invalidating the Fire certification, property damage, serious injury or even death.

Please Read and understand ALL warning labels and operating instructions in this manual BEFORE operating the door-set. If you do not understand the instructions, then speak to your supervisor, or

## 1.1 Usage of Single Action Fire Doors

1. Unless requested otherwise by the customer, doors supplied by Dortek are intended for use by trained personnel only.
2. It is the owner's responsibility to;
  - a) train all personnel in the correct operation of the door(s).
  - b) train all personnel operating, using, or being within the vicinity of, the operational door(s).
  - c) erect suitable warning signs/labels within the vicinity of any operational door(s).
  - d) ensure that instructional literature is kept legible, intact and with the door(s).
  - e) ensure that the door(s) is serviced and maintained correctly in order to provide a long, useful and safe working life.
3. Door(s) should not be operated by users while under the influence of any intoxicating substances
4. Door(s) should not be used or operated if it looks broken or unsafe. Advise maintenance or your supervisor immediately
5. Users must stand clear of moving door(s)
6. Users and other personnel must keep all limbs and body parts clear of door(s)
7. Users must be aware when operating door(s) if there are people, material or equipment in the immediate vicinity of the moving door(s)
8. Failure to operate the door(s) as intended, as described, or to heed any warning may result in equipment damage, property damage, serious bodily injury or death.
9. If you have any questions, please contact your supervisor or a Dortek representative

## 2.0 Welcome Note

Dear installer,

Thank you for purchasing this Dortek door set. This GRP single action doorset has been designed, tested and built using high quality materials that provide many years of service.

\*\*\* To install this doorset follow the instructions in this document \*\*\*

(Dortek have a comprehensive installation department with technical support, should you require additional information). This door system should only be installed by qualified installers. Please read this instruction manually thoroughly before commencement of installation activities.

**Failure to comply with ALL installation instructions may invalidate the fire certification**

Dear customer,

We are pleased that a Dortek GRP single action doorset has been chosen for this installation. Dortek carefully design, test and build their doorsets from high quality materials so it provides many years of reliable service. The doorset must be installed, adjusted and checked properly to ensure it's proper operation and safe use. To aid with correct installation and adjustment, the installer must carefully read this instruction manual before proceeding with any work.

These instructions are for the installation of the door and frame for a manually operated, GRP, single action fire-rated doorset

## 3.0 General Information

### 3.1 Warranty Policy

Dortek Ltd (herein called "Dortek") warrants solely for the benefit of its customer that each door set manufactured by Dortek (each a "Door Set") will be free from defects in material and manufacture for a period of one (1) year from the date of original shipment by Dortek. The foregoing limited warranty shall not apply to defects that result from improper installation, abuse, misuse, alteration, modification or failure to maintain the door set in accordance with the Dortek Installation Manual. Periodic lubrication and adjustment of the door set as described in the Dortek Installation Manual are the sole responsibility of the customer. All claims for defects must be made to Dortek within thirty (30) days after the defect is discovered or should, with reasonable care, have been discovered.

THE FOREGOING LIMITED WARRANTY CONSTITUTES THE EXCLUSIVE WARRANTY OF DORTEK WITH RESPECT TO THE DOOR SET. DORTEK EXPRESSLY DISCLAIMS ALL OTHER GUARANTEES OR WARRANTIES—WHETHER EXPRESS, IMPLIED, OR STATUTORY—INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

If a door set does not comply with the foregoing limited warranty, and a claim is made by customer within the applicable warranty period, Dortek will, at the option of Dortek, either repair or replace any defective equipment or parts free of charge, and pay the reasonable labour costs to repair or replace the defective equipment or parts. The remedy of repair or replacement shall be the exclusive and sole remedy for any breach of the foregoing limited warranty.

DORTEK SHALL NOT IN ANY EVENT BE LIABLE FOR ANY INCIDENTAL, INDIRECT, SPECIAL, EXEMPLARY OR CONSEQUENTIAL DAMAGES OF ANY KIND, INCLUDING WITHOUT LIMITATION ANY LOST PROFITS, ARISING FROM THE SALE OR USE OF THE DOOR SET, OR FROM ANY OTHER CAUSE WHATSOEVER, WHETHER THE CLAIM GIVING RISE TO SUCH DAMAGES IS BASED UPON BREACH OF WARRANTY (EXPRESSED OR IMPLIED) BREACH OF CONTRACT, TORT, STRICT LIABILITY OR ANY OTHER THEORY OF LIABILITY, EVEN IF A PARTY HAS BEEN ADVISED OF THE POSSIBILITY THEREOF, AND REGARDLESS OF ANY ADVICE OR REPRESENTATION THAT MAY HAVE BEEN RENDERED BY DORTEK CONCERNING THE SALE OR USE OF THE DOOR SET.

At DORTEK's request, customer shall return to Dortek for inspection any Door set for which a warranty claim has been made, F.O.B. Dortek's facility with freight prepaid. The customer is responsible for any removal costs.

The customer shall comply with the following procedures in filing a warranty claim with Dortek:

1. Notify Dortek of any and all defects in writing. Dortek will review the warranty request and issue a Returns Goods Authorisation (RGA) form if the defective parts need to be returned to Dortek for inspection and verification. The RGA form must accompany any materials returned for warranty consideration.
2. All replacement parts or equipment will be invoiced to the customer. Upon verification by Dortek that the Door Set is defective, Dortek will issue a full credit to customer for the replacement parts or equipment.
3. If outside labour is needed to install the replacement parts or equipment, Dortek requires a written estimate of the labour charges in advance, so Dortek may approve the labour charges and issue a purchase order. Dortek will not accept any labour charges unless previously approved by Dortek and accompanied by the Dortek purchase order number.

The customer must file a claim with the shipper for any damage and/or losses that may occur during transit.

Installation hardware and start-up of the Door set equipment is the responsibility of the installation contractor. Periodic adjustments and normal maintenance are the responsibility of the customer

## 3.2 Door Set Delivery

Dortek door sets and/or automation are shipped to customers in cartons, crates or on pallets. During transportation, carriers are requested not to stack other goods on top of Dortek product. Double-check packaging for signs of external damage prior to accepting delivery of goods. Product must be stored in the original packaging in a dry and frost-free area.

Dortek Door Systems are packaged and palletized to protect the contents during transit to site; frames and doors may be wrapped separately. Upon arrival at site, please measure the openings to ensure they are correct as per the Dortek acknowledgement of the order.

In cases where orders are for more than one door, make sure the correct frame is fitted with the correct door. All Dortek door sets are clearly marked with the site-specific identification.

Doors and door frames can be heavy and awkward to carry, Dortek always recommend two installers, and the use of mechanical aids to transport and lift doors during installation on site.

## 3.3 In the Carton

The Dortek single action door is shipped from the factory in a single carton, in a crate as shown below or on a pallet

**Note:** The example shown is for a number of doors, variations will be packed differently

## 3.4 Storage of Doors

Doorset's should be stored in their original crate or containers in a safe secure area at all times before being installed.

- Do not lean doors or frames at any time upright against walls
- Do not store doors or expose their containers or open to weather conditions or in direct sunlight
- Do not store doors or expose their containers to external weather conditions. Do not store doors in direct sunlight

# NOTICE

Unless specifically called out on the customer quotation as being supplied by Dortek with the kit, the installer is to provide all necessary mounting hardware, anchors, inserts, hangers, supports and equipment required to install the door in accordance with customer agreed specifications and Dortek instructions.





### 3.5 Personnel Protective Wear

Dortek recommend the following PPE

1. Protective head wear
2. Steel toe capped boots
3. High visibility top
4. Glasses
5. Gloves
6. Ear protection
7. Dust mask



### 3.6 Required Installation Tools

Before installation commences please ensure the following tools and equipment are available.

Required:

1. Pencil
2. Tape measure
3. Screw Driver
4. Spirit level
5. Hammer
6. Electric drill & assorted bits
7. Socket wrench
8. Allen (Hex) key
9. Suitable G clamp
10. Sealant gun & Everbuild B1 /B2 or Screwfix 833897 silicone or caulk
11. Steel fixing shims
12. Pop rivet gun/set
13. Stepladder
14. Hack saw
15. Offset open spanner
16. Set of regular spanners
17. Wurth Easydrive Concrete Screws (7.5 x 93mm)  
Wurth Code 023413092



## 4.0 Pre-Installation

### **NOTICE**

DO NOT remove any door components from their protective packaging until you reach the installation phase where they are required.

### 4.1 Important Installation Instructions

1. Carefully read this Instruction Manual completely (a number of times if required) to become familiar with each step BEFORE beginning the installation.
2. This unit should only be installed in a rough opening capable of providing proper structural support, refer to section 5.0 in the Manual to ensure that the available door opening complies with the minimum requirements.
3. After installation and adjustment has been completed, it is the installer's final responsibility to instruct the owner in the safe use of the door system. The installer must also present the owner with a copy of this Manual and the completed commissioning check sheet
4. It is the owner's responsibility to retain these instructions for future reference relating to door system maintenance, and other requirements.






### 4.2 Limitation of liability

The door must only be used accordance with its intended, specified use. Dortek will not accept any liability for damages resulting from unauthorised modifications, unsafe, or improper installation or use of the door. Fire doors must not be in any way be prevented from closing unless held open by specific devices that will automatically close in the event of a fire alarm activation


## 4.3 Safety First

Prepare the following mechanical and electrical precautions before proceeding to install the door and/or automation.

### 4.3.1 Mechanical Precautions




	<p><b>Assembly &amp; Repair / Maintenance:</b></p> <p>When carrying out any work activities always switch off the automation and place warning signs so that the door cannot be opened by mistake. Work activities may only be conducted in compliance with the applicable legal regulations and provisions</p>
   	<p><b>Operation:</b></p> <p><u>During opening</u></p> <ul style="list-style-type: none"> <li>• Ensure that there are no obstacles in the sliding space</li> </ul> <p><u>Protect against pinching hazard</u></p> <ul style="list-style-type: none"> <li>• Between the double action hinge mechanism</li> <li>• Between the hinge side edge and the door frame</li> <li>• Between the meeting point of the leading edge (in the case of a twin doorset).</li> </ul> <p><u>During closing</u></p> <ul style="list-style-type: none"> <li>• Ensure there are no obstacles door closing space</li> <li>• Do not go through a small opening at the last minute while the door is closing</li> </ul>

### 4.3.2 Extra Safety Measures

	<p>Beware of constricted areas where a swing door is installed in a location where members of the general public may use the relevant doorway.</p> <p>To prevent the occurrence of any crushing, extra safety measures must be taken</p>
---	--


### 4.3.3 Electrical Precautions

Where electronic devices are installed;

	<p><b>Liability:</b></p> <p>Safety devices that have not been supplied by Dortek Ltd. can cause damage to the doorset controller unit. Claims under the factory warranty are not possible in such cases and all subsequent claims arising from failures related to such installations will be rendered void.</p>
	<p><b>Assembly:</b></p> <ul style="list-style-type: none"> <li>• Always wear dry work clothes and shoes</li> <li>• Before commencing work, always check that the on/off power switch is set to the “Off” position</li> <li>• Only insert the plug into an electrical socket after assembly has been completed</li> <li>• To avoid personal injury and/or material damage, only fully trained personnel are authorized to connect, test and operate the equipment during installation</li> </ul>
	<p><b>Repair:</b></p> <ul style="list-style-type: none"> <li>• Repairs to any Dortek Installations may only be carried out by fully trained Dortek technicians or by an authorised Dortek representative.</li> </ul> <p><b>Settings:</b></p> <ul style="list-style-type: none"> <li>• Before changing a setting, always consult the service department or a representative authorised by Dortek. All settings are pre-set by Dortek and are based on average values or those agreed in advance with the customer. Incorrect settings can lead to damage of the controller or the sliding door</li> <li>• Warning! Incorrect setting of the opening direction will have consequences for the correct operation of safety systems. Changing parameters relating to direction and automation can lead to a malfunction that could result in serious injury or death, and/or material damage.</li> </ul>

### 4.3.4 Maintenance

As with all products with moving components, your Dortek doorset will require maintenance or adjustment 1-2 times per year.

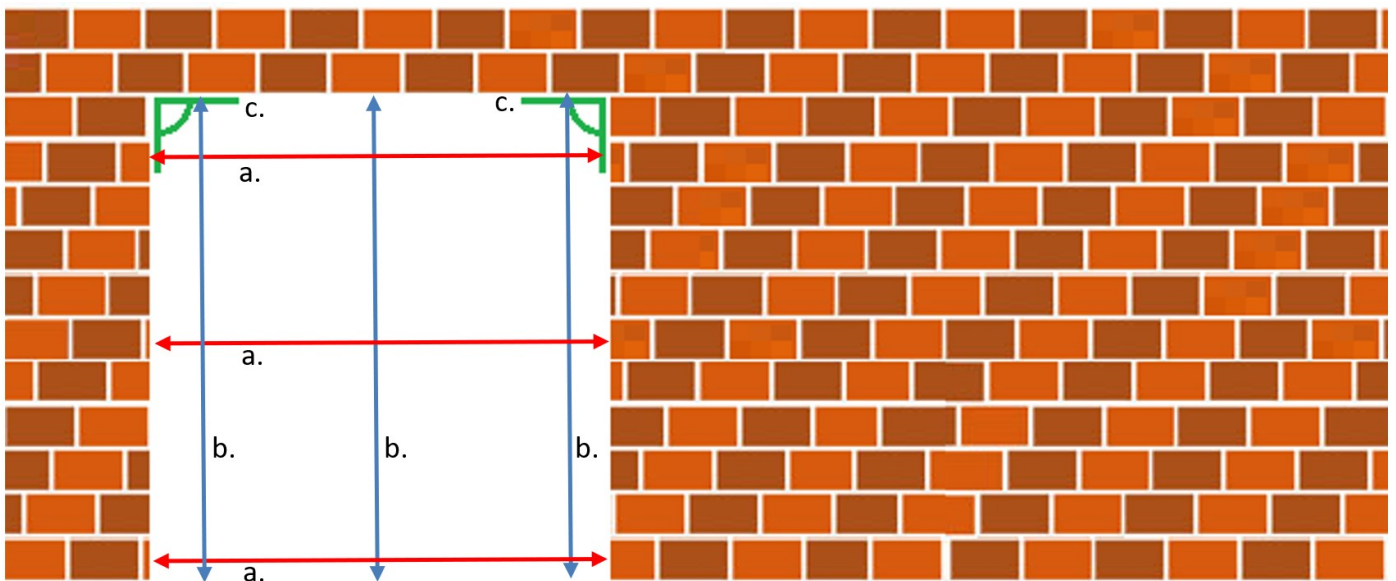
	<p>Failure to implement a regular inspection/maintenance schedule will render the product warranty invalid. In cases where damage or injury is caused as a result of failure to implement regular inspection/ maintenance, the sole responsibility will remain with the end user</p>
---	--

## 5.0 Structural Opening

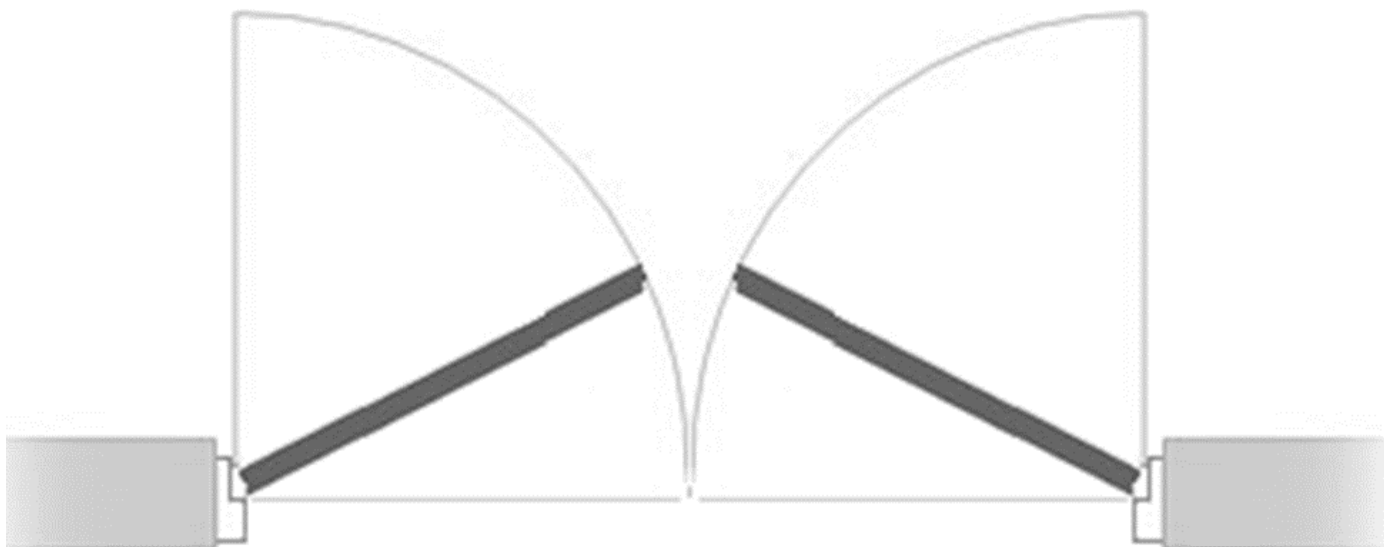
Double check the opening to confirm that the door frame will fit into the available space, this can be done by comparing the required dimensions (agreed in advance of door set delivery) with the actual structural opening. This can be confirmed by

- Measuring the width dimensions in 3 places
- Measuring the height dimensions in 3 places
- Checking that the structural opening is plumb and square
- To be compliant with fire certification the maximum gap between the wall and frame is 20mm.

**Gaps larger than 20mm invalidates the door-sets the fire certification and installation cannot proceed**



Be aware of any obstacles, such as skirting, wall fixings, non-uniform protrusions, etc., that may interfere with the full opening and closing of the door(s)







Ensure that the structure surrounding the door opening, including side walls and overhead lintel, is in sound and suitable condition for retaining the frame and door set. Dortek recommends that all installation personnel wear the correct PPE and safety clothing.

- Check that the surrounding wall structure has sufficient groundings to take the fixing bolts supplied. This includes areas for fixing the doorframe above the structural opening. Good examples of such material include concrete, timber and 5mm metal.
- Ensure that the floor underneath the structural opening, and in the area adjacent to opening that will receive the doorset, is flat and level.



Take due care in determining absence (or presence) of utilities such as electrical cabling or gas piping, that may be routed beneath the surface of the structure surrounding the door opening, PRIOR to commencement of any drilling related activities during the door installation.

## ***NOTICE***

It is not possible to put too much emphasis on the importance of installing the door frame both SQUARE and PLUMB.

Failure to have a properly installed frame will lead to problems related to door closure and sealing when attempts are made to fit the door(s) into the door frame.

*“Measure Twice, Cut Once...”*

## 6.0 Installation of Door Frame



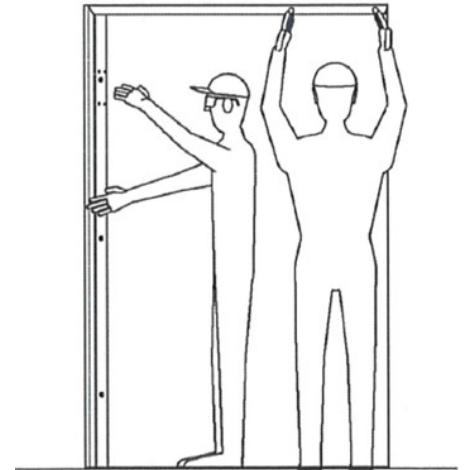
When working on installing overhead components, such as door frames, Dortek recommend that installers use and wear the correct safety equipment and clothing.

Keep personal out of the area below where the frame header are to be installed until all items are properly secured to the wall structure. Failure to do so could lead to asset damage, serious injury or even death.

### 6.1 Preparation for frame installation

#### 6.1.1 Confirm Opening Height x Width

Check the frame and height against the opening to ensure the frame will fit correctly into it. The gap between the wall and frame cannot exceed 20mm to ensure compliance with fire certification. If this gap is greater than 20mm the installation cannot proceed



#### 6.1.2 Complete frame assembly

Find a clear area around the structural opening and lay the frame sections down in the approx. positions of the combined unit. Take care to ensure that the frame surface will not get scratched or damaged during the assembly process.

Layout the fixtures required for joining the frames in each of the top corners. To complete the mitre joining the following are required

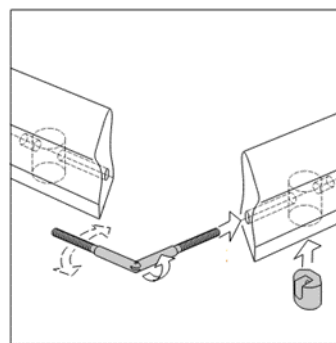
2 x Zipbolt Mitre Fixings (1 threaded shaft and two connectors)

1 x 5mm Allen key

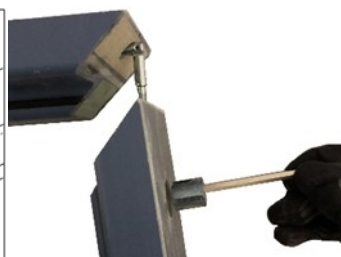
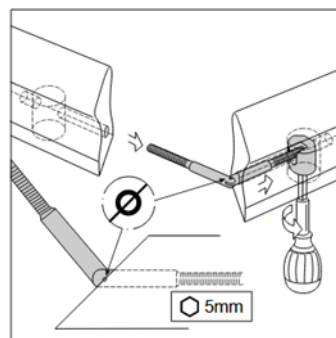




Engage one end of the threaded shaft into the gear head (block) by turning the shaft anti clockwise, or, operate the gearing in the block by turning it clockwise with 5mm Allen bit.

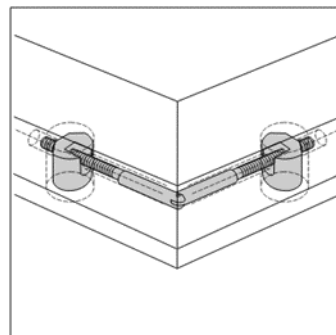


Continue to tighten until the pivot point in the shaft is intersected by the cut angle of the frame mitre, engage the other side of the threaded shaft, in the second frame section, with the gear housing and slightly tighten. Apply Everbuild B1 or B2 or Screwfix 833897 mastic into the joint & tighten home. Clean off any excess mastic.



If required, Rockwool and Pyromass A intumescent sealant can be used.

To perfectly align the mitre angle, adjust by releasing one gear block 1-2 turns and then tightening the other until required alignment is achieved.



Repeat the process for the second mitre, ensuring that the frame is kept flat and in a level plane during the assembly exercise.



When the mitres have been correctly joined, there should be a uniform 45° where the sections join



**N.B.** There should be no visible gaps at the mitres; if there are, then the joining process has not been completed correctly.

When moving the assembled frame, take care to prevent the free ends of the frame from spreading apart, this can place undue pressure on the joints and lead to GRP cracking along the edge of the join.

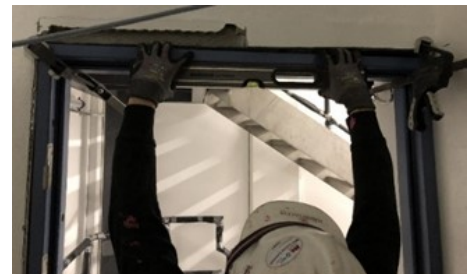
## 6.2 Fit Frame into Opening

Place the bottom of the frame leg into position at the bottom of the structural opening



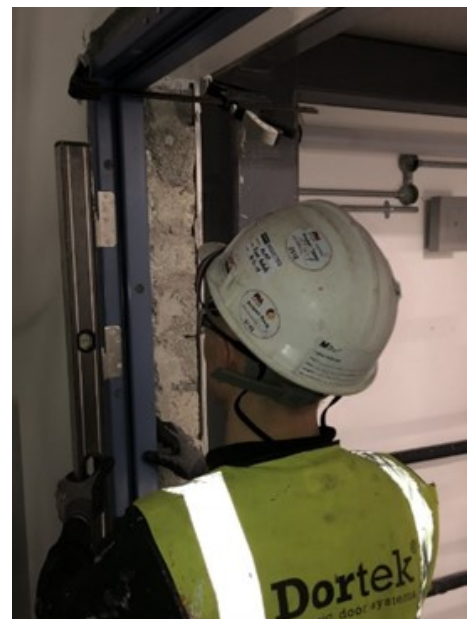
Raise the top end of the frame into position into the opening

Once the frame is standing in the structural opening, begin the process of levelling the frame head, use steel shims as required to achieve this, before clamping it into position. Centre the frame in the structural opening to ensure there is less than a 20mm gap between the wall & the frame



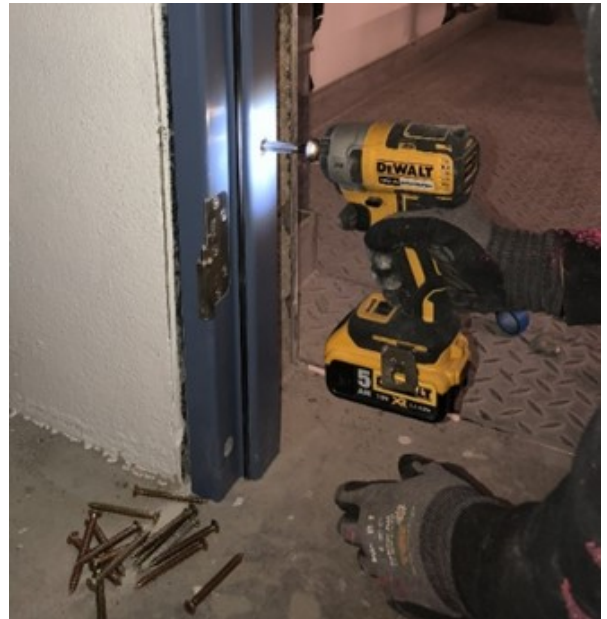
Follow a similar process of positioning both frame legs so that they are plumb and square to the the frame head.

**N.B.** This is a very important step, if the frame legs/head are not level/plumb/square, then the door blade cannot operate correctly. It is not possible to modify the door blade, therefore, all efforts are required to get the frame installation correct.



Fix the GRP frame to the surrounding structural opening using fixings, as specified in section 3.6

The fixtures fit through the pre-drilled holes in the frame legs/head. Ensure all fixing holes have a fixing installed



Double check that the frame is level/plumb/square as you go; any variation needs to be rectified prior to fitting the door blade.

Using the frame fixings supplied insert all the frame fixing holes before proceeding to the next stage

***N.B. Wall to Frame Gap***

Please note, the gap between the wall (structural opening) and the GRP frame ***MUST NOT*** exceed 20mm.

All gaps of 10mm, or less, can be filled on both sides with Intumescent Sealant only.

Gaps greater than 10mm must be filled with rockwool or the specified fire rated expanding foam the depth of the frame.



## 7.0 Fitting Door Blade to Frame



Improper installation of anchoring devices, or incorrect anchors, or installation of anchoring devices into aged or unsound concrete, or mounting to a non-plumb wall without correct packing/shimming; may result in uneven or premature product wear or product failure and/or invalidating fire certification

Failure to properly install this product could lead to property/asset damage, or in extreme cases serious personal injury.



When working on installing overhead components, such as door frames, Dortek recommend that installers use and wear the correct safety equipment and clothing.

Keep personal out of the area below where the frame header are to be installed until all items are properly secured to the wall structure. Failure to do so could lead to asset damage, serious injury or even death.



Take due care in determining absence (or presence) of utilities such as electrical cabling or gas piping, that may be routed beneath the surface of the structure surrounding the door opening, PRIOR to commencement of any drilling related activities during the door installation.



## 7.1 Mount door blade to the frame

To fit the door blade to the GRP frame, simply lift the door in the fully open position at 90 degrees to the wall as shown so that the hinges mate correctly before letting the door blade slide into position on the frame hinges.

Open and close the door to confirm that it is operating correctly and not binding in any area on the floor, in the frame or any surrounding fixtures/fittings.

Complete the frame installation by sealing the gap between the wall and the frame using a Rockwool & Everbuild B1 or B2 or Screwfix 833897 fire mastic.

Insert the frame caps into the fixing holes and complete the commissioning of any hardware or ironmongery as per the customer requirements.



### N.B. Door/Frame and Door/Door Gaps

The average gap must not exceed 3.1mm

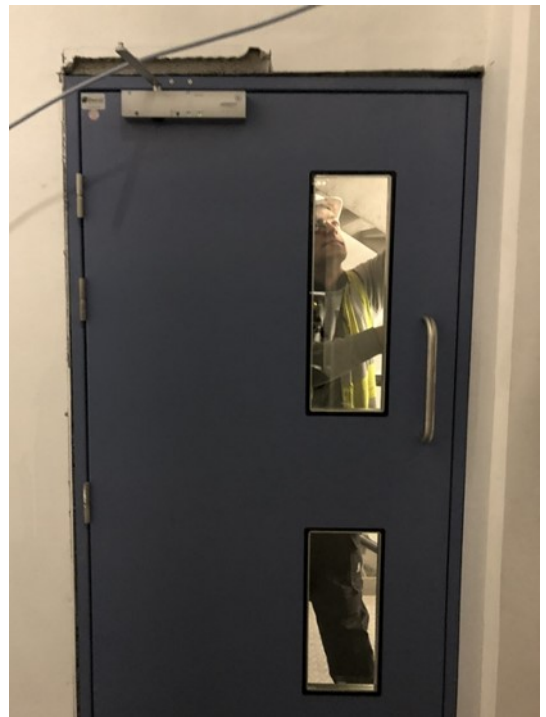
Max. gaps, due to spot variations in surfaces, must not exceed 5.4mm

## 7.2 Complete Installation documentation

Fully check, measure and confirm the installation is correct by complete the Technician Check Sheet and Certificate of Completion that can be found at the end of this manual.

**Completed copies MUST be returned to Dortek Ltd & the original to site administrator**

Failure to return paperwork will invalidate the manufacturers warranty on the installed doorset.



## 7.3 Operation of the fire door

Ensure that a fire door can always return fully to the closed position uninterrupted. Never use any method or devices to hold a fire door open or not allow it to close fully.

The only exception is if a fire door is held by a mechanical device that, in the event of a fire, lets the door automatically close.

Congratulations! Your single action door has now been installed



## 8.0 Defects and Faults

### 8.1 Door Damage

In the event that the door suffers serious damage, refrain from use and contact Dortek Maintenance immediately.

### 8.2 Unusual Noises

If the door set creates unusual noises then check the hinges and door edges for signs of damage. If any damage is discovered, then contact Dortek Maintenance and arrange for a service call. Failure to address such items will lead to further damage of the doorset.

## 9.0 Product Cleaning

### 9.1 General

Dortek hygienic GRP doors and frames can be cleaned using any common cleaning agents and spirit based solvents.

The smooth gelcoat surface can withstand the strongest disinfectants, cleaning agents and other chemicals such as acetone, hydrogen peroxide, carbon tetrachloride and many others.

- When pressure washed, take care to prevent penetration of water through the fixing screws and between the frame and wall construction.
- Do not use wire wool/steel wool or other abrasive cleaners.
- Rinse and dry surfaces as necessary.

### 9.2 Natural Anodized Aluminium

Natural anodized aluminium products such as kick, push and design plates, mouldings and other accessories can be cleaned using any common cleaning agents and spirit based solvents.

- Do not use wire wool/steel wool or other abrasive cleaners.
- Rinse and dry surfaces as necessary.

### 9.3 Powder Coated Aluminium

Powder coated aluminium products such as kick, push, design plates, mouldings, other accessories can be cleaned using any common cleaning agents, and spirit based solvents.

- Do not use acetone or other spirit based solvents, hydrogen peroxide, carbon tetrachloride, strong chlorine solvents or strong alkaline cleaning agents.
- Do not use wire wool/steel wool or other abrasive cleaners.

### 9.4 Stainless Steel

Stainless steel products such as frames, kick, push and design plates, mouldings and other stainless steel accessories can be cleaned using any common cleaning agents.

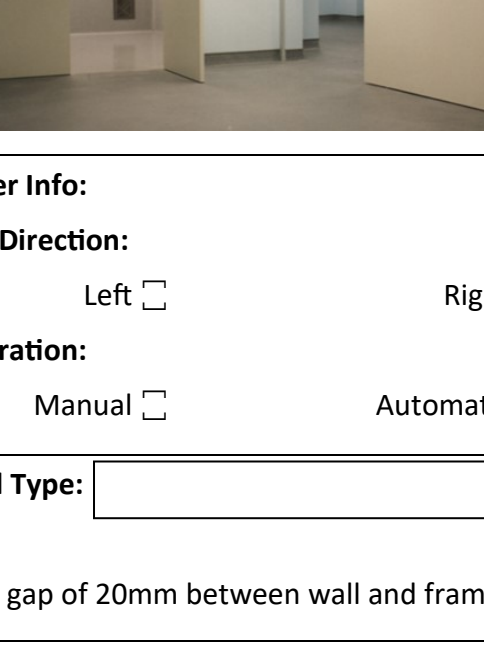
Acetone and other spirit based solvents can also be used and cleaners specifically for stainless steel products.

- Do not use saline, bleach or wire wool.
- Rinse and dry surfaces as necessary

**If you are unsure about the use of particular cleaning agents on Dortek products, please contact us for further information**



Site Address:	
<b>Door Type:</b> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="width: 45%;">           F Type <input type="checkbox"/>            Single Action <input type="checkbox"/>            Sliding <input type="checkbox"/> </div> <div style="width: 45%;">           K Type <input type="checkbox"/>            Double Action <input type="checkbox"/> </div> </div>	
<b>Fire Rating:</b> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="width: 45%;">           30min <input type="checkbox"/>            120min <input type="checkbox"/> </div> <div style="width: 45%;">           60min <input type="checkbox"/> </div> </div>	
<b>Door Format:</b> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="width: 45%;">           Single <input type="checkbox"/>            Unequal Pair <input type="checkbox"/> </div> <div style="width: 45%;">           Pair <input type="checkbox"/> </div> </div>	
<b>Frame Type:</b> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="width: 45%;">           GRP <input type="checkbox"/>            Mild Steel <input type="checkbox"/> </div> <div style="width: 45%;">           Stainless steel <input type="checkbox"/>            Aluminium <input type="checkbox"/> </div> </div>	
<b>Closer:</b> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="width: 45%;">           Pull Side <input type="checkbox"/>            Floor Pivot <input type="checkbox"/> </div> <div style="width: 45%;">           Push Side <input type="checkbox"/>            Automatic <input type="checkbox"/> </div> </div>	
Make/Model: <input style="width: 100%;" type="text"/>	
<b>Measured Gaps (Door to Frame mm):</b> <div style="margin-top: 10px;"> <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="width: 20%;">Hinge Side</div> <div style="width: 50%; border: 1px solid black; height: 25px;"></div> <div style="width: 30%;">Left</div> </div> <div style="display: flex; justify-content: space-between; align-items: center; margin-top: 5px;"> <div></div> <div style="width: 50%; border: 1px solid black; height: 25px;"></div> <div style="width: 30%;">Right</div> </div> <div style="display: flex; justify-content: space-between; align-items: center; margin-top: 5px;"> <div>Leading Edge</div> <div style="width: 50%; border: 1px solid black; height: 25px;"></div> </div> <div style="display: flex; justify-content: space-between; align-items: center; margin-top: 5px;"> <div>Top Edge</div> <div style="width: 50%; border: 1px solid black; height: 25px;"></div> </div> <div style="display: flex; justify-content: space-between; align-items: center; margin-top: 5px;"> <div>Door to Floor</div> <div style="width: 50%; border: 1px solid black; height: 25px;"></div> </div> </div>	
<b>Measured Gaps (Frame to Wall mm):</b> <div style="margin-top: 10px;"> <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="width: 20%;">Frame Leg</div> <div style="width: 50%; border: 1px solid black; height: 25px;"></div> <div style="width: 30%;">Left</div> </div> <div style="display: flex; justify-content: space-between; align-items: center; margin-top: 5px;"> <div></div> <div style="width: 50%; border: 1px solid black; height: 25px;"></div> <div style="width: 30%;">Right</div> </div> <div style="display: flex; justify-content: space-between; align-items: center; margin-top: 5px;"> <div>Frame Head</div> <div style="width: 50%; border: 1px solid black; height: 25px;"></div> </div> </div>	
<b>Commissioned By:</b> <div style="margin-top: 10px;"> <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="width: 20%;">Company</div> <div style="width: 80%; border: 1px solid black; height: 25px;"></div> </div> <div style="display: flex; justify-content: space-between; align-items: center; margin-top: 5px;"> <div style="width: 30%;">Signed</div> <div style="width: 30%; border: 1px solid black; height: 25px;"></div> <div style="width: 10%;">Date</div> <div style="width: 30%; border: 1px solid black; height: 25px;"></div> </div> </div>	

Door Location/Number:	
Dortek SAP Number:	
	
<b>Slider Info:</b>	
<b>Slid Direction:</b>	
Left <input type="checkbox"/>	Right <input type="checkbox"/>
<b>Operation:</b>	
Manual <input type="checkbox"/>	Automatic <input type="checkbox"/>
<b>Wall Type:</b>	
Max gap of 20mm between wall and frame <input type="checkbox"/>	
<b>Panic Exit Device Checks (Mandatory if fitted):</b>	
Panic device/lock securely fitted	<input type="checkbox"/>
Panic activation lever/pad securely fitted	<input type="checkbox"/>
Locking plate securely fitted	<input type="checkbox"/>
All hinges securely fitted	<input type="checkbox"/>
Latch bolt engages correctly	<input type="checkbox"/>
<b>Other Notes/Comments:</b>	

## 11.0 Certificate of Completion

To:  (Client/Customer site contact)Of:  (Client/Customer company name)Your Order Number: Installed and Commissioned ☐

Completed Works

We hereby advise that the works described above are complete and that the site has been left in good working order.

Company:  (Name of installation company)Signature:  Print Name: Date: 

In cases where doorsets have not been installed by Dortek Personnel, a copy of the Technician Checklist (previous page) and Certificate of Completion (this page), must be sent to the address below.

Failure to do so will invalidate fire certification and manufacturer's warranty.

Installation Manager  
Dortek Limited  
St Mark Street, Hull  
HU8 7ED  
UK

Tel: +44 (0) 1482 226848  
Fax: +44 (0)1482 226843  
e-mail: [info@dortek.com](mailto:info@dortek.com)



**Dortek Limited, Ireland**

North Quay, Wicklow Town  
County Wicklow, A67HE26  
Ireland  
Tel: +353 404 67101  
Email: ireland@dortek.com

**Dortek Limited, UK**

St Mark Street  
Hull, HU8 7ED  
England  
Tel: +44 1482 226848  
Email: info@dortek.com

**Dortek Inc, USA**

200 Barr Harbor Drive  
4th Floor  
Conshohocken  
PA 19428  
Tel: +1 617 401 8226  
Email: us-sales@dortek.com

**Dortek-Interdoor AB, Sweden**

Box 1510 Södra Dragongatan  
26B  
SE27100 Ystad  
Sweden  
Tel: +46 411 138 40  
Email: info@dortek.com

**Dortek, Singapore**

Dortek Hygienic Door  
Systems Pte Ltd  
627A Aljunied Road  
BizTech Centre 04-06  
Singapore 389842  
Tel: +65 67411787  
Email: info@dortek.com

**Dortek, Malaysia**

Dortek Sdn Bhd  
Systems Pte Ltd  
No 5 Jalan Desa Tropika 1/3  
Taman Perindustrian Tropika  
81800 Ulu Tiram  
Johor, Malaysia  
Tel: +60 7861 6233  
Email: info@dortek.com

This document and its contents are the property of Dortek Ltd and are issued in confidence. They must not be copied, sold, or shown to a third party without the written consent of Dortek Ltd. All copyrights reserved for Dortek Ltd.



[www.dortek.com](http://www.dortek.com)

Ireland—UK—Sweden—USA—Singapore—Malaysia— China