

THE PRIORY DOOR GROUP LIMITED
Leading Specialists in Doors to the Trade



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**‘Push Up Pull Down’ Manual Roller Shutter Door -
(DOC) Declaration of Conformity, (DOP) Declaration
of Performance, Door Safety, Operation, Maintenance
and Installation Instructions**

TITAN



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CONSTRUCTION PRODUCTS DIRECTIVE

89 / 106 / EC

DECLARATION OF CONFORMITY

Machine description Rolling Shutter Door
Make Industrial Rolling Shutter
Year of Manufacture _____
Serial number _____
Manufacturer The Priory Shutter & Door Co. Ltd.

Is in conformity with the provision of the above EC directive

Testing undertaken at **Warrington A.P.T. Laboratories Ltd.**
Test report number **145643 and 146755a**

- EN 13241-1:2003 clause 4.4.3 Resistance to wind load
- EN 12424:2000 clause 4 Wind load classification
- EN 12444:2001 clause 7.1.2 Wind load test method
- EN 13241-1:2003 clause 4.2.2 Forces for manual operation
- EN 12604:2000 clause 4.4.1 Mechanical aspects
- EN 12605:2000 clause 5.1.5 Testing process
- EN 12453:2000 clause 5.3.5 Safety in use classification
- EN 13241-1:2003 clause 4.2.8 Safe opening of vertical moving doors
- EN 12604:2000 clause 4.3.4 Anti drop devices
- EN 12604:2000 clause 5.3.2 Out of balance forces
- EN 13241-1:2003 clause 4.4.3 Operating forces
- EN 12543:2000 clause 5.1 Safety in use of power operated doors
- EN 12445:2000 clause 5.2 Safety in use test method

The equipment above must not be put into service until the machinery into which it is to be incorporated has been declared in conformity with the provisions of the directive.

Signed _____
Date 02/12/2024
Name Gavin Cooper
Position Managing Director



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CONSTRUCTION PRODUCTS REGULATION
DECLARATION OF PERFORMANCE
No. 0005 CPR DoP 07-2013

1. Identification code: **Industrial Rolling Shutter, (Titan Range)**
Self Coiling, Manually Operated
2. Type, Batch and or Serial number: _____
3. Intended Uses: **External/Internal Door For Vehicle and/or Pedestrian Access**
4. Manufacturer: **The Priory Shutter & Door Co Ltd. 89-91 Rolfe Street, Smethwick, West Midlands, B66 2AY**
5. Authorised representative: **Not Applicable**
6. Assessment and verification of constancy of performance: **System 3**
7. Notified body and tasks: **Exova Warrington APT, a UKAS accredited Testing Laboratory (No. 0621) and EC Notified Body number (No, 1104). Key Industrial Park, Fernside Road, Willenhall, West Midlands, WV13 3YA, performed initial type tests under system 3 and issued test report No's; 145643/1, 145643/2, 145643/3, 145643/4 & 329811/C**
8. European Technical Assessment: **Not Applicable**
9. Declared performance

Essential Characteristics	Declared Performance	Harmonised Standard
Water Tightness	N.P.D.	EN 13241-1:2003 + A2:2016
Dangerous Substances	None	
Resistance To Wind Load	Class +5/-5	
Thermal Transmittance	N.P.D.	
Air Permeability	N.P.D.	
Manual Operation	Pass	
Safe Opening	Pass	
Definition of geometry of glass components	N.P.D.	
Mechanical resistance and stability	Pass	
Durability of Water Tightness, Thermal Resistance and Air Permeability against degradation	N.P.D.	

Specific Technical Documentation: **Not Applicable**

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed _____
Date 02/12/2024
Name Gavin Cooper
Position Managing Director



ROLLER SHUTTER DOOR SAFETY INSTRUCTIONS

THE FOLLOWING SAFETY INSTRUCTIONS MUST BE ADHERED TO AT ALL TIMES.

FAILURE TO DO SO COULD RESULT IN AN ACCIDENT/INJURY.

1. Keep openings clear of any obstructions.
2. Do not lean anything against the door curtain, guides, roller barrel assembly or coil casing.
3. Do not walk under a door whilst operating. Wait until the door is fully open.
4. Do not "rush" through a door that is closing. Wait for the door to fully close, and then re-open.
5. Do not operate a damaged door. If damaged, contact a service engineer immediately.
6. If the door becomes difficult to operate; cease using and contact a service engineer immediately.
7. Only use opening and closing equipment supplied with the door.
8. Do not suspend/anchor anything from the roller shutter.
9. Do not use the door to lift materials/personnel.
10. Do not remove the coil casing (if supplied) around the roller barrel assembly unless the door is stopped, the haul chain is secured and locked in position or the power is switched off at the isolator on electrically operated doors.
11. Do not force any form of locking.

IMPORTANT

Some types of roller shutter doors have counter balance springs under tension.
Adjustment or repair must only be carried out by a competent engineer.

Any work carried out on the electrical components of the roller shutter door must be by a qualified electrician, who must ensure the equipment is isolated prior to commencing any work.

Roller shutter doors must not be modified from their original design. If future modifications are required, the manufacturer must be consulted.

Locking mechanisms on electrically operated roller shutter doors are not recommended unless used in conjunction with an interlock switch which disengages the power whilst the door is in the locked position.



ROLLER SHUTTER DOOR OPERATING & MAINTENANCE

Self Coiling “Push Up Pull Down” Manual Roller Shutter Doors

Tensioning or adjustment of the barrel assembly should only be carried out by competent and qualified roller shutter door engineers.

On completion of the installation the roller shutter should operate in a controlled manner without a sudden tendency to rise or fall in an uncontrolled manner

We recommend that all of our shutters are supplied with a safety brake, but shutters that are designed for use over a window or special applications such as a conveyor can be designed and supplied without a safety brake as it is unlikely to cause an injury should a single component fail.

a. To Open: -

Release all forms of locking.

Lift the curtain upwards under control (Only use the relevant equipment supplied).

Do not allow the curtain to “slam” against the stops.

b. To Close: -

Pull the door curtain downwards under control (Only use the relevant equipment supplied).

Push the curtain fully closed.

Engage all forms of locking.

Service and Maintenance

Like any other machinery, roller shutter doors require regular service and maintenance to ensure that they are working correctly and as designed.

Not all defects will have an immediate effect on the safety and operation of your door, but it will prove more cost effective to repair any defect earlier than risk a larger more costly repair at a later date.

Your roller shutter door will last many years with regular servicing and maintenance, but all components will wear and deteriorate over a period of time.

We recommend that your roller shutter doors are serviced at least once per year but recommend more frequent service visits if the doors are operated regularly.

Up to 10 operations per day – 1 visit every 6 months

Up to 30 operations per day – 1 visit every 3 months

Over 30 operations per day – 1 visit every 2 months

We recommend that you carry out your own daily inspection of your roller shutter doors, with some simple checks as follows: -

1. There is no damage to any parts of the door – Any damage to the door needs to be reported and suitable action taken to ensure the door works correctly.
2. The door operates freely and does not require excessive force to operate.
3. The door remains free from dust, dirt and grime build up which could affect the operation of the door, particularly in the guides. It is not recommended to use thick grease as this hardens over time and retains debris.



ROLLER SHUTTER DOOR INSTALLATION INSTRUCTIONS

Self Coiling “Push Up Pull Down” Manual Roller Shutter Doors

READ THESE INSTRUCTIONS FULLY BEFORE COMMENCING INSTALLATION.

Check for correct:

- Opening details in relation to those against the job specific drawing.
 - Materials and specification as per the delivery note/checklist.
 - Structure is square and fixing faces are in line and even and free from obstructions.
 - Structure can carry the weight of the roller shutter door supplied (identified on spec. sheet attached to dwg.).
1. **Face fixing arrangement:** position 50mm leg of continuous flag post angles against the structure in accordance with the arrangement and dimensions on the drawing. Mark out the fixing holes and drill the structure for the specified/supplied fixings.
 2. **Between fixing arrangement:** position 75mm leg of continuous between flag post angles against the reveals of the structure in accordance with the dimensions on the drawing. Mark out and drill the structure for the specified/supplied fixings.
 3. When angles are secured use a spirit level and measure to check that;
 - The angles are square and vertical and also level horizontally across the top of the end-plates.
 - The dimension between the end-plates is correct i.e. pin length.
 4. Using suitable lifting equipment, lift the barrel assembly and place the shafts into the “U” cups on the end-plates, ensuring that the arrow marked on the barrel is pointing towards the face of the opening to which the shutter is being fixed.
 5. Insert the split pins across the top of the “U” cups. **Note – failure to do this could cause a serious accident.**
 6. Secure the top section of the curtain to the barrel using the top continuous slotted lath and M10 nuts and washers provided. If the door is internally fitted then the curtain should be fitted “standard coil” with the concave face of the lath against the barrel assembly. If the door is externally fitted then the curtain should be fitted “reverse coil” with the convex face of the lath against the barrel assembly. Once complete, fit the black plastic cover caps (provided) over the M10 nuts to protect the first “wrap” of the coil.
 7. Twist back an end-lock at the bottom of the curtain section and slide into place the next section of curtain. Repeat this operation until all sections are in place and the bottom rail section is fitted last. Ensure that all end-locks are twisted back into their **correct** position and that all sections follow the relevant “standard coil” or “reverse coil” pattern.
 8. Remove the tension retaining pin from the end of the barrel under caution (curtain fully closed). Check the tension of the spring barrel by raising and lowering the curtain manually, taking care not to allow the bottom of the curtain to pass the opening height, as spring tension would be lost.
 9. If the curtain is difficult to raise but easy to lower, remove the bottom rail and raise the curtain and secure to the barrel with rope. Make one further turn to the barrel in the direction of the arrow to increase the tension and then proceed after re-fitting the bottom rail.



ROLLER SHUTTER DOOR INSTALLATION INSTRUCTIONS

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10. If the curtain is difficult to lower but easy to raise, remove the bottom rail and release one turn of the tension from the barrel by allowing the barrel to be rotated one turn in the opposite direction to the arrow, then proceed after re-fitting the bottom rail.
11. When satisfied that the balance is correct, fit the guide channels to the flag post angles using the M8 domed head fixings provided and lightly lubricate the inside faces of the channels with a layer of grease.
12. Pull the curtain to the floor and hold in the closed position. Mark the laths at each end that corresponds with the bullet guide lock housings welded to the guides. Drill each end of each lath, to a suitable diameter hole, to allow the bullet guide lock inserts to slide in position and lock.
13. Check that the curtain operates freely within the guides and that any locking mechanisms operate correctly.
14. If supplied, fit the hood to the end-plate cleats using the pop rivets provided. Larger hoods will be supplied in multiple telescopic sections labelled “small” and “large”. Measure the overall end-plate width prior to pop riveting the telescopic sections together to ensure an accurate fit.
15. Fit any additional front fascia panels using the same method with the steel pop rivets supplied.
16. Fit all the appropriate labels provided. The customer must also be informed of any residual Health and Safety Risks.

Tick off the checklist below (where applicable) as each test is carried out.

Guides Vertical	
Tension Correct	
Lock Operational	
Canopy Level	

Barrel Level	
Curtain Operates Freely	
Both Split Pins Fitted Across “U” Cups	

Sign and date the bottom of this page and put your name in capitals below, if this is to be the retained record of installation.



ROLLER SHUTTER DOOR INSTALLATION DIAGRAM

Self Coiling "Push Up Pull Down" Manual Roller Shutter Doors

DIAGRAM 3A

