



*Nothing else measures up!*

**Follow us!**



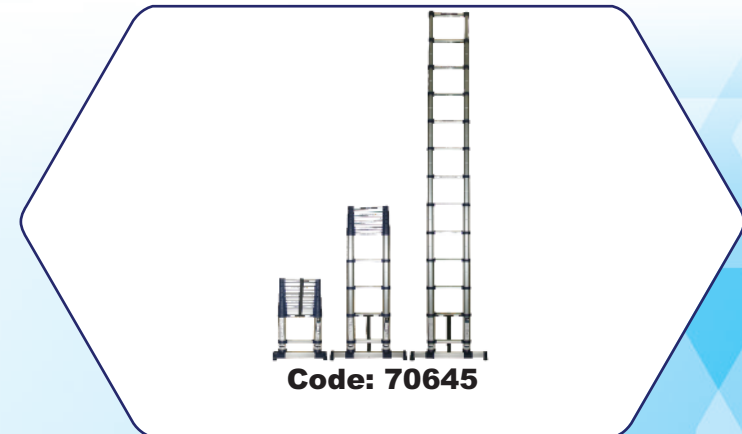
Prospect House  
George Cayley Drive  
Clifton Moor  
York  
England  
YO30 4XE

Tel: +44 (0) 1904 692723  
Fax: +44 (0) 1904 690385

E-Mail: [sales@yorksurvey.co.uk](mailto:sales@yorksurvey.co.uk)

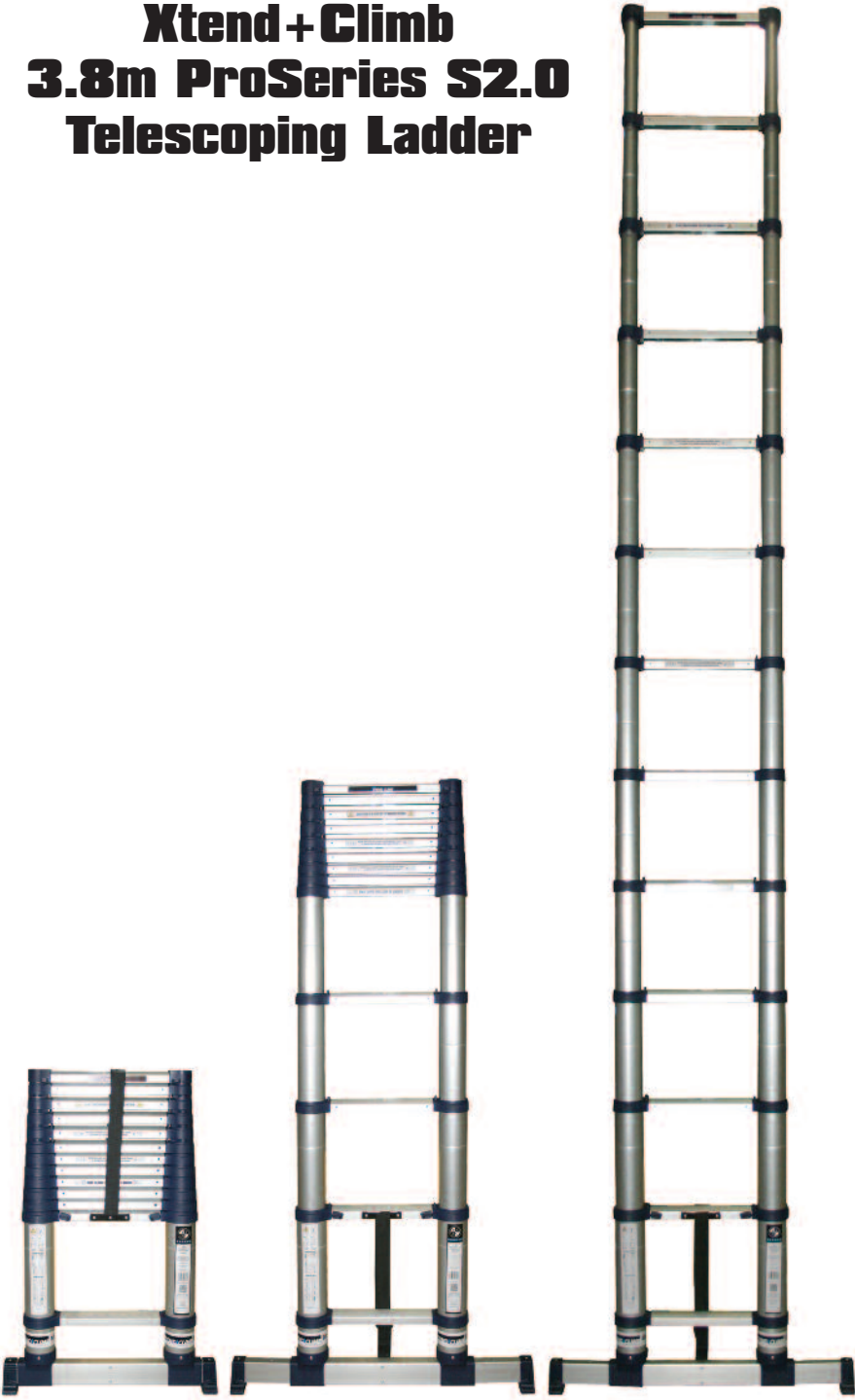


## Xtend + Climb 3.8m ProSeries S2.0 Telescoping Ladder



## Operating Instructions

# **Xtend+Climb 3.8m ProSeries S2.0 Telescoping Ladder**



## MAINTENANCE TIPS (CONTINUATION)

### LADDER INSPECTION



**WARNING: BEFORE USE, A THOROUGH INSPECTION OF THE LADDER MUST BE MADE. IF ANY OF THE CHECKS CANNOT BE FULLY SATISFIED, DO NOT USE THE LADDER.**

- Check that the stiles/legs (uprights) are not bent, bowed, twisted, dented, cracked, or corroded.
- Check that the stiles/legs around the coupling, fixing point, are not dented cracked or corroded.
- Check that hardware (rivets, screws or bolts) are not missing, loose, or corroded.
- Check that rungs/steps are not missing, loose, excessively worn, corroded or damaged.
- Check that the stabilisers are not damaged, loose or corroded.
- Check that the locking mechanisms are not missing, damaged, loose or corroded and engage properly.
- Check that guide brackets are not missing, damaged, loose or corroded and engage properly on the mating stile.
- Check that ladder feet are not missing, loose, excessively worn, corroded or damaged.
- Check that the entire ladder is free from contaminants (e.g. dirt, mud, paint, oil or grease.)
- Check that the locking mechanisms for the stabiliser are not damaged or corroded and function and lock correctly.
- Check that the platform (if fitted) has no missing parts or fixings and is not damaged or corroded.

### REPAIRS AND MAINTENANCE

- Shall be carried out by a competent person.
- **NOTE:** A competent person is someone who has the skills to carry out repairs or maintenance, trained by the manufacturer or authorised distributor.
- For repair and replacement of parts, if necessary, contact the authorised distributor.
- Our customer service staff is available to help you with the product, to report damaged or missing parts, or for any other information about this product.

### KEEP DOCUMENTS

- Keep manual for future reference.
- Keep the original sales invoice in a safe, dry place for proof of purchase.

## OPERATIONAL AND SAFETY INSTRUCTIONS

**DANGER: FAILURE TO UNDERSTAND AND FOLLOW ALL SAFETY RULES AND OPERATIONAL INSTRUCTIONS COULD RESULT IN SERIOUS INJURY OR DEATH**



**WARNING: ELECTRICITY HAZARD:** Identify any electrical risks in the work area, such as overhead lines or other exposed electrical equipment and do not use the ladder where electrical risks occur.



### COMPONENTS OF A TELESCOPIC LADDER

**Top Section** - Upper horizontal section of the ladder.

**Top Cap** - Top section of the ladder that encloses the upper stile.

**Lock Indicator** - Green/Red indicator that alerts the user when the section is locked or unlocked.

**Only Climb this Side of Ladder** - Climbing Side has release latches and Lock Indicator Window with a sticker on rung.

**Rung** - Horizontal section used for climbing the ladder.

**Stile** - Vertical member used to support the rungs and the ladder structure.

**Coupling** - The section that connects the rung to the stile of the ladder.

**Grip Handle** - Ergonomic pad on the bottom of the second rung from the bottom that the user uses to comfortably transport the ladder.

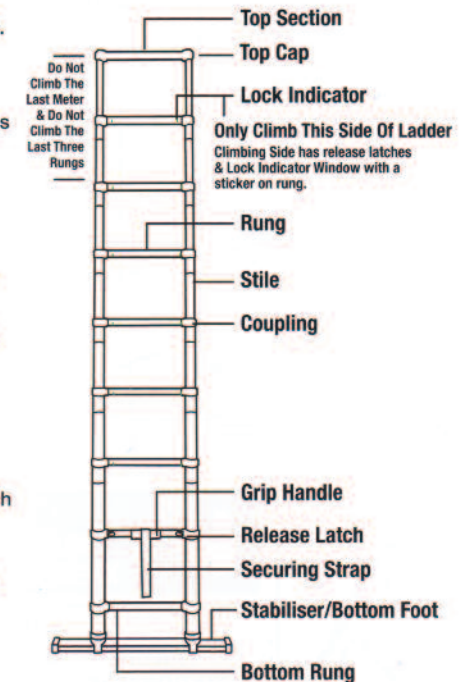
**Lightning Release Latch** - Mechanical button or switch that allows the user to unlock the section at the bottom to start the closing process.


**Securing Strap** - Nylon strap with hook and loop fasteners, which holds the ladder together during transportation and storage.


**Stabiliser/Bottom Foot** - Ladder base with anti-slip design that supports the ladder during use.


**Bottom Rung** - Lower horizontal section used for climbing the ladder.


**MAX.LOAD:150KGS**





 Inspect the ladder after delivery. Before every use visually check the ladder is not damaged and is safe to use. Do not use a damaged ladder.


 Do not use the ladder on a uneven or unfirm base.


 Do not overreach.


 Do not erect ladder on contaminated ground.


 Do not ascend or descend unless you are facing the ladder.


 Do not carry equipment which is heavy or difficult to handle while using a ladder.


 Avoid work that imposes a sideways load on adders, such as side-on drilling through solid materials.


 Avoid work that imposes a sideways load on adders, such as side-on drilling through solid materials.


 Do not lean the ladder against unsuitable surfaces.

 Do not use the ladder if you are not fit enough. Certain medical conditions or medication, alcohol or drug abuse could make ladder use unsafe.

 Do not wear unsuitable footwear when climbing a ladder.

 Do not climb on the last meter of a telescopic ladder.

 Do not bring your hands / fingers in rung area (area of shearing) when bringing the ladder in to its possible positions of use.

 Do not use the ladder as a bridge.

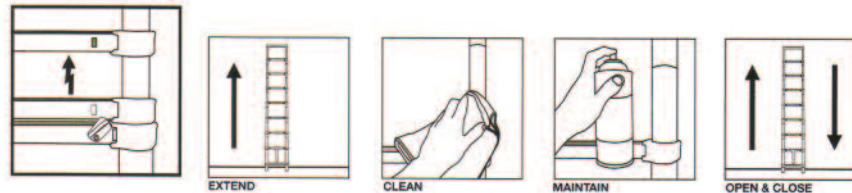
 Do not climb on top 3 rungs.

 Un-locked lightning latch

## MAINTENANCE TIPS (CONTINUATION)

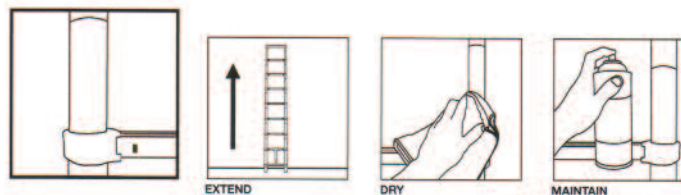
### DIFFICULTY IN OPENING OR CLOSING THE LADDER

If it becomes hard to open or close the ladder fully, extend the ladder, clean it, and maintain the stiles with a silicone based spray or a non-petroleum based furniture polish wipe. If the rungs are jammed, use the spray on every stile and close the ladder for 15 to 20 minutes to let the lubricant penetrate the ladder. Then, open and close the ladder to ensure the spray reaches every area of the ladder.



### WINTER CONDITIONS

If the opening/closing of the ladder is affected by winter conditions, open the ladder in a dry area until the stiles reach room temperature i.e. 18 to 21°C. Ensure there is no humidity left on the stiles and couplings. (if there is humidity or oxidation, please refer to section "Wet Ladder" or "Oxidised Ladder"). Finally, with the ladder opened, lubricate all the stiles.



### LADDER STORAGE

- Storage shall be in closed and upright position.
- Store ladder away from areas where its condition could deteriorate more rapidly (e.g. dampness, excessive heat, or exposure to the elements).
- Store ladder in a position which helps it to remain straight (e.g. hung by the stiles on proper ladder brackets or laid on a flat, clutter free surface).
- Store ladder where it cannot be damaged by vehicles, heavy objects, or contaminants.
- Store ladder where it cannot cause a trip hazard or an obstruction.
- Store ladder securely where it cannot be easily used for criminal purposes.
- If the ladder is permanently positioned (e.g. on scaffolding), secure against unauthorised climbing (e.g. by children).
- Ladders made of or using thermoplastic, thermosetting plastic and reinforced plastic materials should be stored out of direct sunlight.

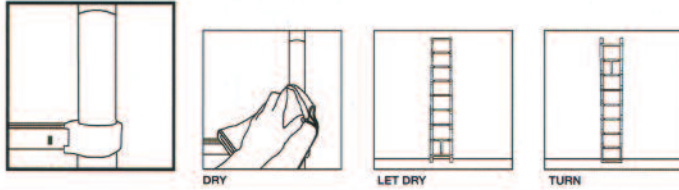
### PREVENT DAMAGE OF THE LADDER WHEN TRANSPORTING

- Ensure ladder is upright and securing strap is secured.
- Ensure ladder is suitably placed and will not fall during transportation.

## MAINTENANCE TIPS

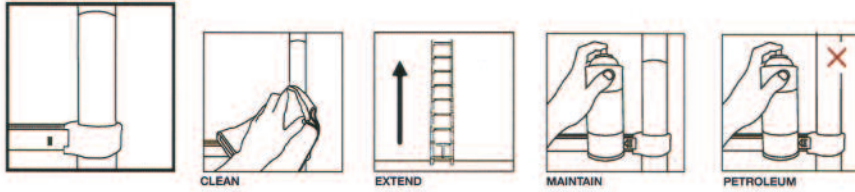
### WET LADDER

If the ladder is wet or if there is water on the ladder, open the ladder to the maximum and, with a dry cloth, absorb the water. It is recommended to let the ladder dry fully opened, on one side and then on the other, with the ladder leaning against a wall.



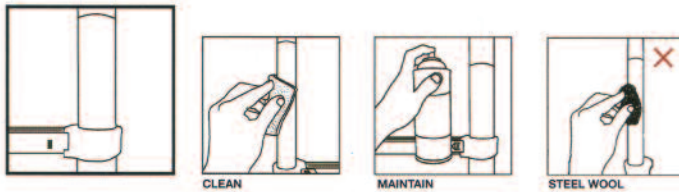
### OXIDISED LADDER

If the ladder is oxidised (due to previous poor drying), there will be white residue on the stiles. First, remove the spots with a dry cloth. Then, to ensure the ladder deploys and retracts correctly, use a silicone based spray or a non-petroleum based furniture polish wipe once the ladder is fully opened and dry it correctly. Wait a few minutes and close the ladder. Never use a petroleum based product- it will damage the internal mechanism of your ladder.



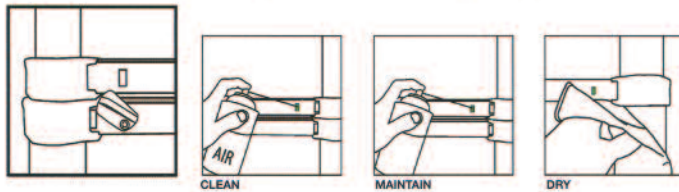
### PAINT OR OTHER SUBSTANCES STICKING TO STILES







If paint residues were left on the ladder, they must be removed using a sponge. Do not use steel wool since it might damage the opening/closing mechanism. After all residues have been removed from the stiles, apply a silicone based spray or a non-petroleum based furniture polish wipe as indicated in above section "Oxidised Ladder."










### HARD TO MOVE LATCHES

If the latches are hard to push, use a compressor or compressed air duster to properly clean the latches. Then perform maintenance on the latches (with a silicone based spray or a non-petroleum based furniture polish wipe) with a forward/backward movement. Dry excess spray with a dry cloth.



-  Maximum total load.
-  Maximum number of users.
-  Ladder for homeowner use or non professional.
-  Ladder for professional use.
-  Leaning ladders with rungs shall be used at the correct angle.
-  Leaning ladders with steps shall be used that the steps are in a horizontal position.

-  Only use the ladder in the direction as indicated, only if necessary due to design of ladder.
-  Ladders used for access to a higher level shall be extended at least 1m above the landing point and secured, if necessary.
-  Locking mechanisms for all extended rungs shall be checked & locked before use.
-  Keep a secure grip on the ladder when ascending and descending. Maintain a handhold whilst working from a ladder or take additional safety precautions if you cannot.
-  When locked indicator window is green it is safe to climb.
-  Locked lightning release latch.
-  Only Climb this Side of Ladder - Climbing Side has release latches and Lock Indicator Window with a sticker on rung.

## LIST OF ITEMS TO BE INSPECTED

For regular inspection, the following items shall be taken into account:

- Check the ladder on purchase and prior to each usage.
- Check that the stiles/legs (uprights) are not bent, bowed, twisted, dented, cracked, corroded or rotten.
- Check that the stiles/legs around the fixing points for other components are in good condition.
- Check that fixings (usually rivets, screws or bolts) are not missing, loose, or corroded.
- Check that rungs/steps are not missing, loose, excessively worn, corroded or damaged.
- Check that the hinges between front and rear sections are not damaged, lose or corroded.
- Check that the locking stays horizontal, back rails and corner braces are not missing, bent, loose, corroded or damaged.
- Check that the rung hooks are not missing, damaged, lose or corroded and engage properly on the rungs.
- Check that guide brackets are not missing, damaged, lose or corroded and engage properly on the mating stile.
- Check that ladder feet / end caps are not missing, loose, excessively worn, corroded or damaged.
- Check that the entire ladder is free from contaminants (e.g. dirt, mud, paint, oil, grease, wet paint or snow). Do not use ladder if contaminated.
- Check that locking latches (if fitted) are not damaged or corroded and function correctly.
- Check that the platform (if fitted) has no missing parts or fixings and is not damaged or corroded.
- Check that the ladder is suitable for the task. Use a ladder only for the tasks for which it has been designed.
- Check that the ground supporting the ladder is firm and level.
- Check your surroundings when erecting the ladder. Take the necessary precautions to ensure your own safety and that of others when erecting and using a ladder at entrances, in passageways, etc.

If any of the above checks cannot be fully satisfied, you should NOT use the ladder.

For special ladder types, further items identified by the manufacturer shall be taken into account.

All checkpoints according to EN131-6: 2019, Annex A shall be mentioned when applicable.

Futhermore the following checkpoints shall be added:

- Check if the locking indicators are working and if they are visible.
- Check the brackets on cracks and other failures, such as:
  - No rupturing of parts shall be observed.
  - There shall be no relative movement between the brackets and the rungs/steps.
- Do not use the ladder outside in adverse weather conditions, such as strong wind.
- For professional use a risk assessment shall be carried out respecting the legislation in the country of use.
- When positioning the ladder take into account risk of collision with the ladder e.g. from pedestrians, vehicles or doors. Secure doors (not fire exits) and windows where possible in the work area.
- Use non-conductive ladders for unavoidable live electrical work.
- Do not modify the ladder design.
- Do not move a ladder while standing on it.
- For outdoor use caution to the wind.
- Ladder shall never be moved from the top.
- The ladder shall be inspected after delivery and before every use to confirm condition and operation of all parts.
- Only climb the side of the ladder that has lighting latches, lock indicator windows and stickers.
- Do not spend long periods on a ladder without regular breaks (tiredness is a risk).
- The ladder shall be inspected after delivery and before every use to confirm condition and operation of all parts.
- Warning: keep at least 2 meters away from non-insulated live electrical equipment.
- Remember: steel is electrically conductive.

## OPERATIONAL AND SAFETY INSTRUCTIONS

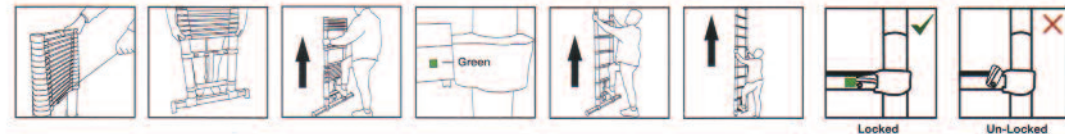
### EXTENDING THE LADDER (PARTIALLY)

Place the ladder on a sturdy, level surface suitable on which to use the ladder. Release the strap that secures the ladder in the "storage configuration". Place your foot on the bottom rung (closest to the ground). With both hands, pull up the 3rd rung – counting from the ground. Lift ladder off the ground very slightly – stabilizers will automatically telescope out to the correct extension. The 'locked' sign indicator on top of each stabilizer will confirm that they are locked in place. Place your foot on the bottom rung to hold the ladder in place. With both hands pull up on the rung that you determine will be the highest point to which you would like to extend the ladder. Extend each rung until it is locked in place. You will hear an audible click and see a sign indicator on the rung below confirming that section is fully extended and locked. Continue extending the ladder all the way up. Once fully extended, each section should show a green lock indicator. Visually inspect the ladder for any damage, debris and ensure that all open sections are locked.



### EXTENDING THE LADDER (FULL WORKING HEIGHT)

Place the ladder on a sturdy, level surface suitable on which to use the ladder. Release the strap that secures the ladder in the "storage configuration". Place your foot on the bottom rung (closest to the ground). With both hands, pull up the 3rd rung – counting from the ground. Lift ladder off the ground very slightly – stabilizers will automatically telescope out to the correct extension. The 'locked' sign indicator on top of each stabilizer will confirm that they are locked in place. Place your foot on the bottom rung to hold the ladder in place. With both hands pull up on the rung that you determine will be the highest point to which you would like to extend the ladder. Extend each rung until it is locked in place. You will hear an audible click and see a sign indicator on the rung below confirming that section is fully extended and locked. Continue extending the ladder all the way up. Once fully extended, each section should show a green lock indicator. Visually inspect the ladder for any damage, debris and ensure that all open sections are locked.



### CLOSING THE LADDER

Great care should be used when retracting the ladder. Do not place any part of your body including hands, fingers or thumbs, on, or between rungs or couplings above the closing rung. Ensure that you are on a sturdy level surface. Hold the ladder upright. Place thumbs on the release mechanism located on the second to bottom rung from the ground. Push each release mechanism inward one at a time to unlock the ladder while securing the ladder with the other hand. The entire ladder is now completely unlocked (DO NOT CLIMB LADDER AFTER PERFORMING THIS PROCEDURE). Due to our "soft closing" system, the rungs may need slight guidance while retracting. Attach the strap that secures the ladder around the top rung. Push the stabiliser bars inward to retract each side to its "storage configuration".

