EXTERIAL BLIND INSTALLATION GUIDE

SECTION 1 (GUIDE WIRES)
No Head Box
Head Box

SECTION 2 (VEROLOCK)
No Head Box
Head Box

DISCLAIMER

INTRODUCTION
This Installation manual has been produced by Verosol to supply the necessary information for safe and correct installation of this system.

INSTALLERS RESPONSIBILITY
Before installing, please read & ensure you understand the safety information and installation instructions as defined in this installation manual. If you do not fully understand these instructions, contact Verosol for clarification before installing. The Installer is responsible to ensure that all installation personnel have been adequately trained on the safe & correct installation and operation. The Installer is responsible to ensure that a Job Safety Analysis or Safe Work Method Statement is completed prior to installation to identify hazards, to determine appropriate risk control measures and to implement the control measures. The Installer is responsible to ensure that supporting structures are sound and can adequately support the load. The Installer is responsible to ensure that the devices used to anchor the product to the supporting structure are suitable for the application.

SAFETY INFORMATION
Ensure Job Safety Analysis/Safe Work Method Statement is completed and actions to reduce risks are implemented. Ensure that electrical works are done only by a LICENSED ELECTRICIAN. DO NOT modify any of the components of this system.

PERSONNEL REQUIREMENTS
Only suitably trained/qualified personnel should undertake installation.

DISCLAIMER
Verosol has used reasonable care in preparing the information included in this document, but makes no representations or warranties as to the completeness or accuracy of the information. Information supplied upon the condition that the persons receiving the information will make their own determination as to its suitability for their purposes prior to use. Verosol assumes no liability whatsoever for any damages incurred by you resulting from errors in or omissions from the information included herein. Verosol has the right to make changes without further notice to any products to improve reliability, function or design.

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SECTION 1

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</tbody>
</table>

TOOLS REQUIRED

| GUIDE WIRES                             | 8mm drill bits - Cobalt recommended |
|                                         | Pliers                               |
|                                         | Cable cutting tool                    |
|                                         | Drill                                 |
|                                         | #2 Philips head driver bit            |
|                                         | 3mm drill bits - Cobalt recommended  |
|                                         | Philips head screw driver             |
|                                         | 3mm, 4mm ball top Allen keys         |
|                                         | Measuring tape                        |
|                                         | Spirit level                          |
|                                         | Marking Pen                           |

ADDITIONAL

Assembly of the External blind wire guide system requires non supplied fixings, please ensure the appropriate fixings are used to suit particular applications.
SECTION 1

GUIDE WIRES EXTERNAL BLINDS OPTIONS

(Choose one only)

1. Standard Universal Brackets

2. Head Box

EXTERNAL BLIND SYSTEM: BLIND

STANDARD BLIND

GUIDE WIRES BASE FITTING HARDWARE OPTIONS

(Choose one type only)

i. Masonry Mount  

ii. Deck Mount  

iii. Face or Side Mount
BEFORE YOU START: PREPARE INSTALLATION SPACE

1. Check for obstructions

Check for any obstructions that may interfere in installation.

2. Check dimensions

Check vertical and horizontal installation dimensions

**VERTICAL DIMENSIONS**

2.i Check if the top of the installation space is levelled.

**NOTE:** If $H_1 \neq H_2$, corrective actions may need to be considered prior to installation.

**HORIZONTAL DIMENSIONS**

If $W_2 > W_1$, blind width = $W_1$

If $W_2 < W_1$, blind width = $W_2$
OPTION 1. BRACKET INSTALLATION

1. Install brackets to wall / ceiling

**FACE FIX**

**TOP FIX**

**SIDE FIX**

**Note:** Use appropriate fixings to suit application

- Ensure brackets are aligned and levelled.
- Measure brackets from outside to outside, confirm the measurement is correct.
OPTION 2. HEAD BOX INSTALLATION

1. Install Head Box to wall / ceiling

FACE FIX

TOP FIX

SIDE FIX

Example Image

Note: Use appropriate fixings to suit application
• Ensure Head Box is aligned and levelled.

HEAD BOX CONFIGURATIONS

FRONT COVER FOR BACK ROLL INSTALLATION

BACK COVER TO THE FRONT FOR FRONT ROLL INSTALLATION
2. Mark guide wire base fixing locations

2.1 Prepare guide wires

Note: Cut wires at the blind drop, unless the wires are required to be longer than the blind drop.

- Tripple crimp a supplied copper termination swage on **ONE** end of each wire.

3. Install guide wires into the tension cradles

Note: Prior to threading the guide wires, ensure the tension slides are set at the bottom position. This is achieved by winding out the adjustment screw on the base of the tension cradle.

- Starting at the bottom position enables the maximum adjustments.
4. Insert blind into cradle

**Note:** Prior to installing the blind ensure the levelling slides are set in the centre position, this is achieved by winding the adjustment screw on the base of the cradle in or out.

**Note:** Starting at the centre position enables maximum levelling adjustments.
4. i

Note: Insert the idle end first.

1. Insert the idlers spring loaded pin into the Idler slide
2. Push towards idler’s to depress the spring
3. Swing the motor end in aligning motor to motor slide
4. Release pressure to locate motor in slide
5. i With the Head Box option, drill a 8mm hole in the head box where required and pull the cable through then connect power
5. ii With the standard universal bracket option, pull the cable through and connect power
6. Ensure motor is fully inserted
7. Tighten motor slide lock screw

NOTE: HEAD BOX OPTION SHOWN, USE THE SAME PROCEDURE FOR STANDARD UNIVERSAL BRACKET OPTION

5. Levelling blind in brackets

Note:

1. After installing the blind check it for level with a spirit level.
2. If adjustment is needed, adjust either or both sides with Level Adjusting Screw.
3. Once levelled, tighten Levelling Slide Locking Screws.

Note:

MAGNETIC SYSTEM FINE LIMIT ADJUSTMENT

1. To fine tune magnetic contact with base plates, adjust the blind up or down until maximum contact is achieved.
2. Once levelled and at the desired height tighten Levelling Slide Locking Screws.
6. Insert the wires down through the end caps slots

7. Guide wires mounting options

Install the required guide wire base fixing option in to position as marked in step 2, page 8.

**NOTE:** Standard Magnetised System

For maximised function of the magnetic hold end caps, it is essential to horizontally align the base fittings with each other, some packing may be required.

Install the first base mounting on the highest ground position, i.e position A. Pack position B to be level with position A.

**Note:** For non magnetised installation this step is not critical.

8.

1. Cutting final cable length and install bottom termination swages
2. Remove the top plate from the fixing point and slide it onto the cable.

3. Slide a copper termination swage onto the cable and triple crimp. Ensure the top of the plate aligns to your marked cable.

4. Cut off excess cable, re-attach the plate to the fixing point.

9. Tension cables

Note: Tighten cable tension screws with a 3mm Ball end Allen Key, when required tension is achieved tighten lock nut.
10. Test the blind

**Note:** Ensure power is connected. Program motor to Somfy RTS remote. Run the blind down to expose the tube and centre the blind. Set the top and bottom limits and run the blind up and down.

**Note:**

MAGNETIC SYSTEM FINE LIMIT ADJUSTMENT

1. To fine tune magnetic contact with base plates, adjust the blind up or down until maximum contact is achieved.

2. Once levelled and at the desired height tighten Levelling Slide Locking Screws.

After final adjustments, install Head Box cover for the Head Box Option.
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<th>PROBLEM</th>
<th>CAUSE</th>
<th>SOLUTION</th>
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<td>Ripples along sides of fabrics</td>
<td>Blind rolled up for an extended period of time</td>
<td>This occurrence is inherent to roller systems and is more prevalent in some fabrics. Leave blind down for 1-4 hours; most ripples should disappear.</td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Not enough weight in base bar</td>
<td></td>
<td>Add ballast.</td>
</tr>
<tr>
<td>Installation is not square</td>
<td></td>
<td>Check blind roll is installed level.</td>
</tr>
<tr>
<td>Fabric permanently damaged due to inadequate handling</td>
<td></td>
<td>Replace fabric and ensure it is handled with care.</td>
</tr>
<tr>
<td>Blind does not fully open / jams</td>
<td>Position of wire guides at base is incorrect.</td>
<td>Check if guide wire fixing at floor / base are positioned in line with the top tensioner. If fixing is too far inwards of the tensioner then reposition.</td>
</tr>
<tr>
<td></td>
<td>Incorrect motor bottom limit used</td>
<td>Refer to motor instructions to reset bottom limit.</td>
</tr>
<tr>
<td>Uneven base bar</td>
<td>Blind roll is not level, thus weight bar appears uneven</td>
<td>Ensure blind is installed level.</td>
</tr>
<tr>
<td></td>
<td>Blind has been operated in excessive wind conditions</td>
<td>Check blind roll when the blind is fully raised. If ripples are evident on roll, open blind fully (without the presence of wind) to allow the blind to track down evenly. Raise and lower blind a number of times to check operation.</td>
</tr>
<tr>
<td></td>
<td>Fabric is not installed straight</td>
<td>Ensure fabric is rolled straight onto tube and base bar.</td>
</tr>
<tr>
<td>Magnets not locking properly</td>
<td>Base fittings are not levelled</td>
<td>Ensure fabric is rolled straight onto tube and base bar.</td>
</tr>
<tr>
<td></td>
<td>Uneven base bar</td>
<td>Pack base fittings to rectify. Ensure blind is installed level.</td>
</tr>
<tr>
<td></td>
<td>Obstruction preventing base bar lowering</td>
<td>Remove obstruction to allow base bar to reach its lowest point.</td>
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GUIDE WIRES

1. NO HEAD BOX + GUIDE WIRES

2. HEAD BOX + GUIDE WIRES
EXTERNAL BLIND INSTALLATION GUIDE

SECTION 1 (GUIDE WIRES) 3

No Head Box

Head Box

SECTION 2 (VEROLOCK) 17

No Head Box

Head Box

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TOOLS REQUIRED

| VEROLOCK | 10mm drill bits - Cobalt recommended Dril  
#2 Philips head driver bit  
3mm drill bits - Cobalt recommended Philips head screw driver  
3mm, 4mm ball top Allen keys - Snap On Brand recommended  
Measuring tape  
Spirit level  
Marking Pen |
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SECTION 2

EXTERNAL BLIND SYSTEM: VEROLOCK

OPTIONS (Choose one only)

1. Standard Universal Brackets

2. Head Box

EXTERNAL BLIND SYSTEM: BLIND

BLIND WITH VEROLOCK FITTED

VEROLOCK CHANNEL OPTIONS

i. Side Channel

ii. U Channel

Note: U Channel is only applicable for reveal installation.
BEFORE YOU START: PREPARE INSTALLATION SPACE

1. **Check for obstructions**

   Check for any obstructions that may interfere in installation.

2. **Check dimensions**

   Check vertical, horizontal and diagonal dimension installation dimensions

**VERTICAL DIMENSIONS**

2.i Check if the top of the installation space is levelled.

**NOTE:** If H1 ≠ H2, corrective actions may need to be considered prior to installation

**HORIZONTAL DIMENSIONS**

If W2 > W1, W1 = Blind Width

If W2 < W1, by a value of:
0-10mm W2 = Blind Width.
If W2 is 10mm or more narrower, consider corrective action to square installation space. If X or Y are > 5mm packing is required. Pack out the sides so they are levelled.

If W2 > W1, by a value of:
0-10mm, W1 = Blind Width
If W1 is 10mm or more narrower, consider corrective action to square installation space. If X or Y are > 5mm packing is required. Pack out the sides so they are levelled.

A square and level installation space will provide greater flexibility with the rest of the installation.
OPTION 1. BRACKET INSTALLATION

1. Install brackets to wall / ceiling

**FACE FIX**

**TOP FIX**

**SIDE FIX**

**Note:** Use appropriate fixings to suit application
- Ensure brackets are aligned and levelled.
- Measure brackets from outside to outside, confirm the measurement is correct.
OPTION 2. HEAD BOX INSTALLATION

1. Install Head Box to wall / ceiling

FACE FIX

TOP FIX

SIDE FIX

Example Image

Note: Use appropriate fixings to suit application
- Ensure Head Box is aligned and levelled.

HEAD BOX CONFIGURATIONS

FRONT COVER FOR BACK ROLL INSTALLATION

BACK COVER TO THE FRONT FOR FRONT ROLL INSTALLATION
2. Insert blind into cradle

**Note:** Prior to installing the blind ensure the levelling slides are set in the centre position, this is achieved by winding the adjustment screw on the base of the cradle in or out.

**Note:** Starting at the centre position enables maximum levelling adjustments.

2. i

**Note:** Insert the Idle end first.

1. Insert the idler’s spring loaded pin into the Idler slide
2. Push towards idler to depress the spring
3. Swing the motor end in aligning motor to motor slide
4. Release pressure to locate motor in slide
5. i With the Head Box option, drill a 8mm hole in the head box where required and pull the cable through then connect power
5. ii With the standard universal bracket option, pull the cable through and connect power
6. Ensure motor is fully inserted
7. Tighten motor slide lock screw

**NOTE:** HEAD BOX OPTION SHOWN, USE THE SAME PROCEDURE FOR STANDARD UNIVERSAL BRACKET OPTION
3. Levelling blind in brackets

**Note:**
1. After installing the blind check it for level with a spirit level.
2. If adjustment is needed, adjust either or both sides with Level Adjusting Screw.
3. Once levelled, tighten Levelling Slide Locking Screws.
REQUIRED PRIOR TO INSERTION OF VEROLOCK

Note: Connect power and program motor to Somfy RTS remote. Run the blind down to expose the tube and centre the blind. Set the top and bottom limits and run the blind down to approximately half way.

1. Slide the side channel with feeders up over the zip on sides of the blind.

1. i With the Head box option, push the channel hard up to the bottom of the head box.

1.ii With the standard universal bracket option, the top of the channel is 30mm short of the bottom of the bracket.

2. Level channel and fix through the front of the track at 500mm intervals.

3. Lubricate the channels with Verosol X5-PTFE and run the blind up and down to check function.

4. Install channel covers by sliding it in to positon.

5. Install head box cover as per diagram.
**4 ii. REVEAL FIT U CHANNEL OPTION INSTALLATION**

**REQUIRED PRIOR TO INSERTION OF VEROLECK**

*Note:* Connect power and program motor to Somfy RTS remote. Run the blind down to expose the tube and centre the blind. Set the top and bottom limits and run the blind down to approximately half way.

1. Pre-prepare the inner channel by drilling 10mm holes at 500mm intervals in the side of the channels. Slide the side channels with feeders into the U sections together. Then slide over the zip on sides of the blind.

1. i With the Head box option, push the channel hard up to the bottom of the head box.

1. ii With the standard universal bracket option, the top of the channel is 30mm short of the bottom of the bracket.

2. Fix the U sections by screwing through the 10mm holes in the side channels.

3. Level side channels and fix through the back of the U section at 500mm intervals.
4. Lubricate the channels with Verosol X5-PTFE and run the blind up and down to check function.

5. Install channel covers by sliding it in to position.

6. Test the blind

**Note:** Connect power and connect to Somfy RTS remote. Run the blind down to expose the tube and centre the blind. Set the top and bottom limits and run the blind up and down.

7. Install Head Box cover as per diagram.
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<td>Add ballast.</td>
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<td>Installation is not square</td>
<td>Check blind roll is installed level.</td>
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<td></td>
<td>Fabric permanently damaged due to inadequate handling</td>
<td>Replace fabric and ensure it is handled with care.</td>
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<tr>
<td>Blind does not fully open / jams</td>
<td>Side channel not levelled or parallel</td>
<td>Check that the side channels are level and parallel.</td>
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<td></td>
<td>Incorrect motor bottom limit used</td>
<td>Refer to motor instructions to reset bottom limit.</td>
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<td>Blind roll is not levelled</td>
<td>Ensure blind is installed level.</td>
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<td>Fabric is not installed straight</td>
<td>Ensure fabric is rolled straight onto the tube and base bar.</td>
</tr>
<tr>
<td>Blind gets jammed half way down</td>
<td>Side channels not level or parallel</td>
<td>Adjust side channels and fittings to rectify, insure blind is installed level.</td>
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INSTALLED PRODUCT

VEROLOCK

1. NO HEAD BOX + VEROLOCK

2. HEAD BOX + VEROLOCK