



# SOLATUBE®

DAYLIGHTING SYSTEMS

## Installation Instructions

Solatube Ø 25 cm  
40 cm long straight extension tubes

*Enjoy daylight*

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## Version

12-08-2020

## Safety Information

- Always observe the safety instructions for the materials and tools to be used.
- Always wear the appropriate personal protective equipment (gloves, safety goggles etc.)
- We would suggest that any roof works is completed by an experienced roofer.
- Always have any electrical works carried out by a certified electrician.
- Please note that the installation works is carried out at your own risk.

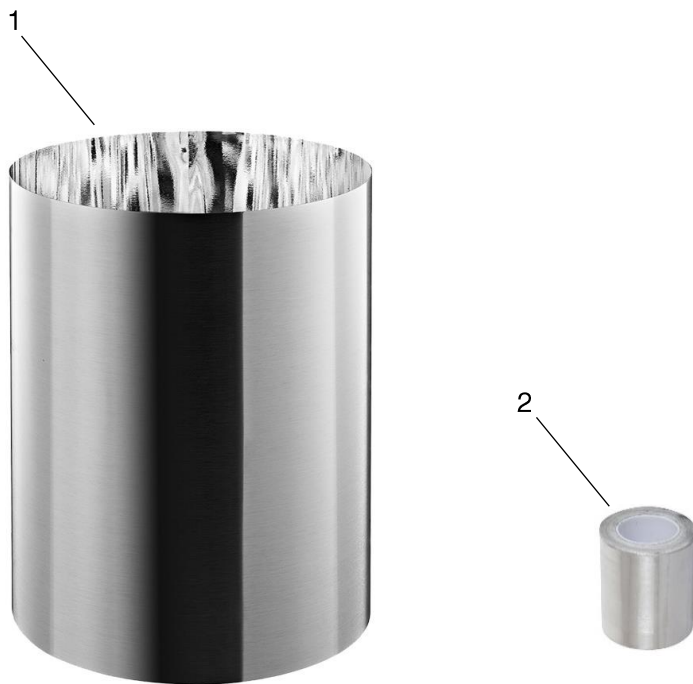
## Guarantee

Non-electrical Solatube® components are covered by a 10 year manufacturer's warranty against any manufacturing defects. Please retain the original proof of purchase to validate the product warranty. Any costs associated to the installation of any replacement parts covered under the warranty remain at the expense of the purchaser. Our terms and conditions are available upon request.

## Disclaimer

Techcomlight Limited expressly disclaims any liability for any unexpected additional expense arising as a result of condensation or any water damage resulting from condensation, installation not in accordance with Techcomlight Limited's installation guide/s or any other external influences beyond the control of Techcomlight Limited. Techcomlight cannot be held liable for damage to structures caused as a result of making openings and installing Solatube® systems. Techcomlight assumes no responsibility or obligation for the failure of an architect, contractor, installer or building owner to comply with all applicable laws, ordinances, building codes, energy codes, fire and safety codes and requirements, and adequate safety measures. Installation instructions reserved. No rights can be derived from this publication.

## 1. Product Overview



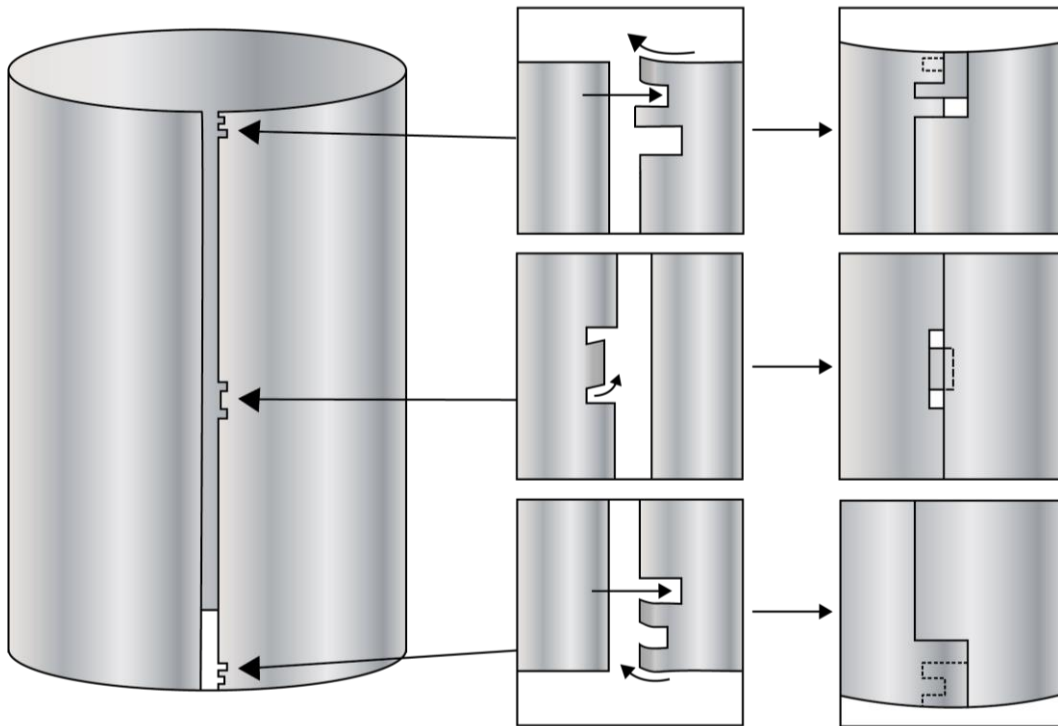
### 1.1 Parts

- 1. 40 cm Extension tube
- 2. Roll of aluminium tape

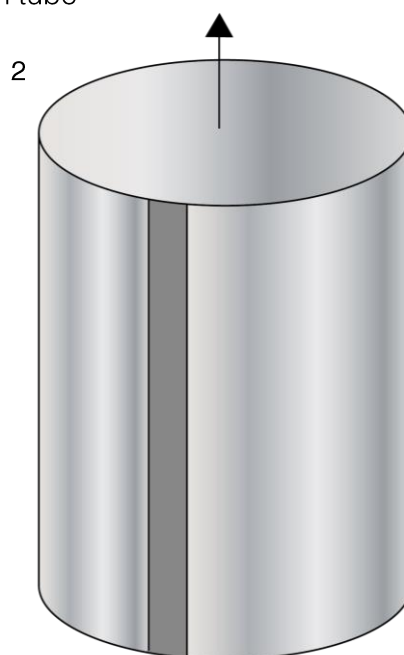
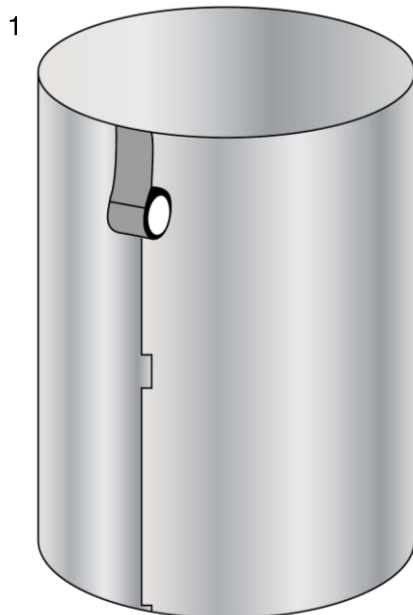
## 2. Installation Steps

### 2.1 Step 1 – Assemble the extension tube

Bend the short tab of at the very top of the tube slightly inwards. Bend both the short and long tabs of the bottom tube notched slightly inwards. Bend the tab at the middle of the tube slightly inwards. Insert the straight tube edge into the shallow notch created at the top of the tube, tube notch in the middle of the tube and the deep notch at the bottom of the tube as shown below.

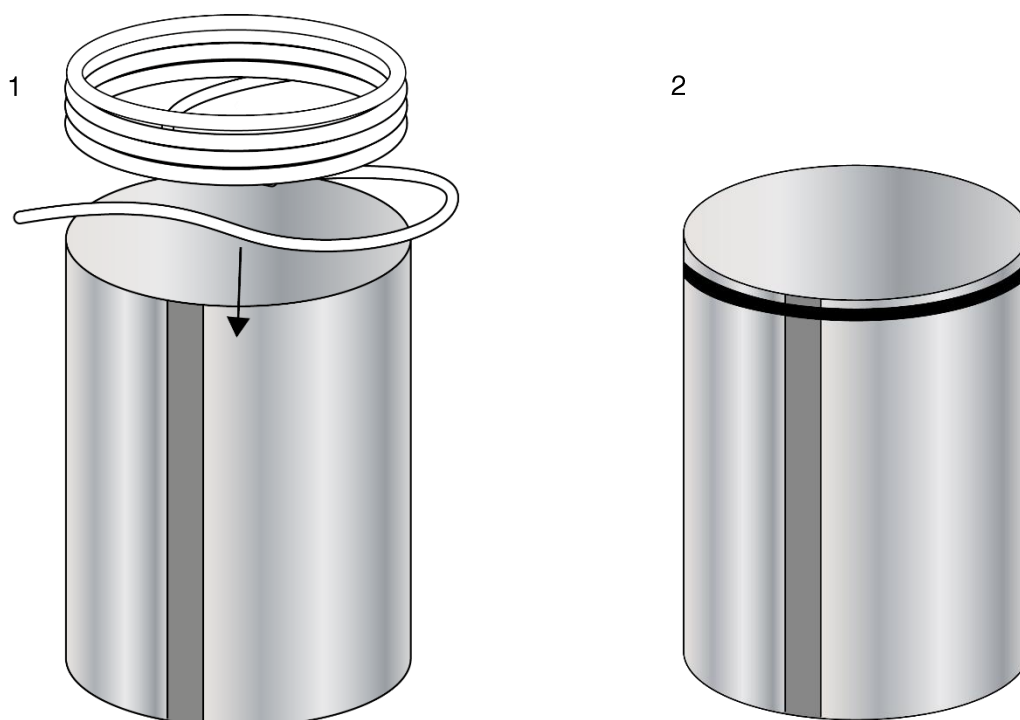


Tape the entire length of the tube seam with aluminum tape on the outside of the tube. Remove the protective film from the extension tube



## 2.2 Step 2 – Apply the brush sealing strip

Apply the self adhesive brush sealing strip (from the standard set) just below the top of the outside of the extension tube. Use the entire sealing strip, wrapping it tightly together around the outside of the tube as shown below.



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## 2.3 Step 3 – Install extension tubes

The Solatube extension tubes are slightly conical in shape: the top of the tube is a slightly larger diameter than the bottom of the tube. The top of the tube is to be installed over the top of the tube above and the bottom of the tube into the inside of the tube below.

**Important:** The top extension tube, with the brush sealing strip applied must fit up inside the top (roof) tube assembly. Do not tape this connection as it allows for any movement within the system and/ or roof structure.

**Tip:** For long systems with multiple extension tubes, it is advisable to reinforce the ceiling and/or suspend the tubing from the roof construction (rafters etc.), depending on the application.

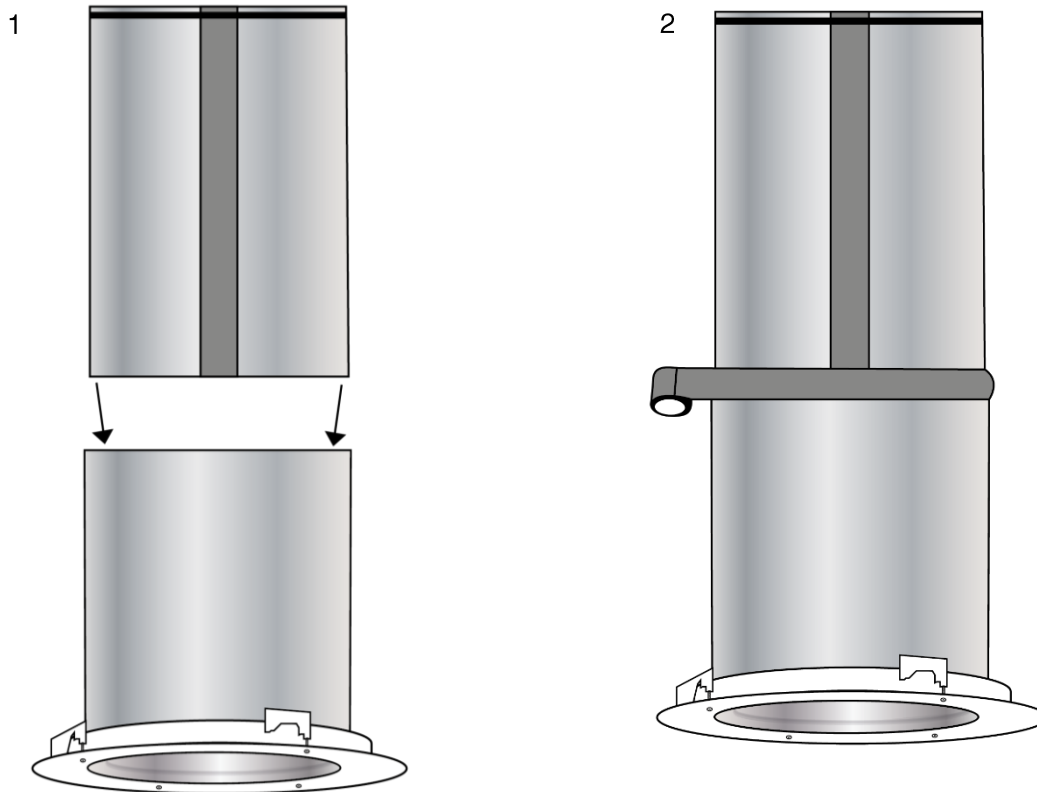
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### 2.3.1 Step 3.1 – Installation with one extension tube

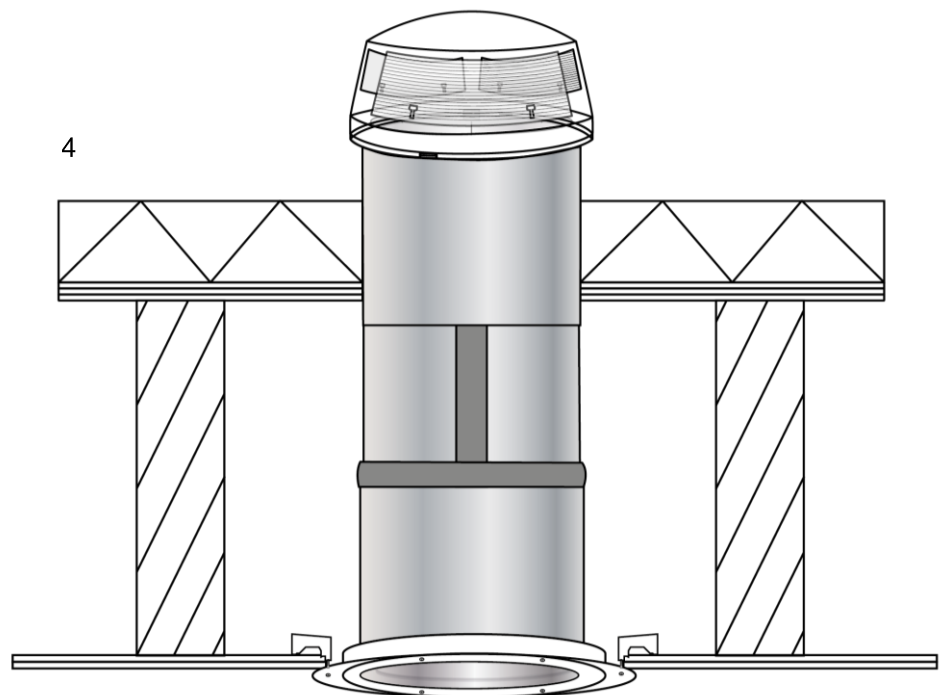
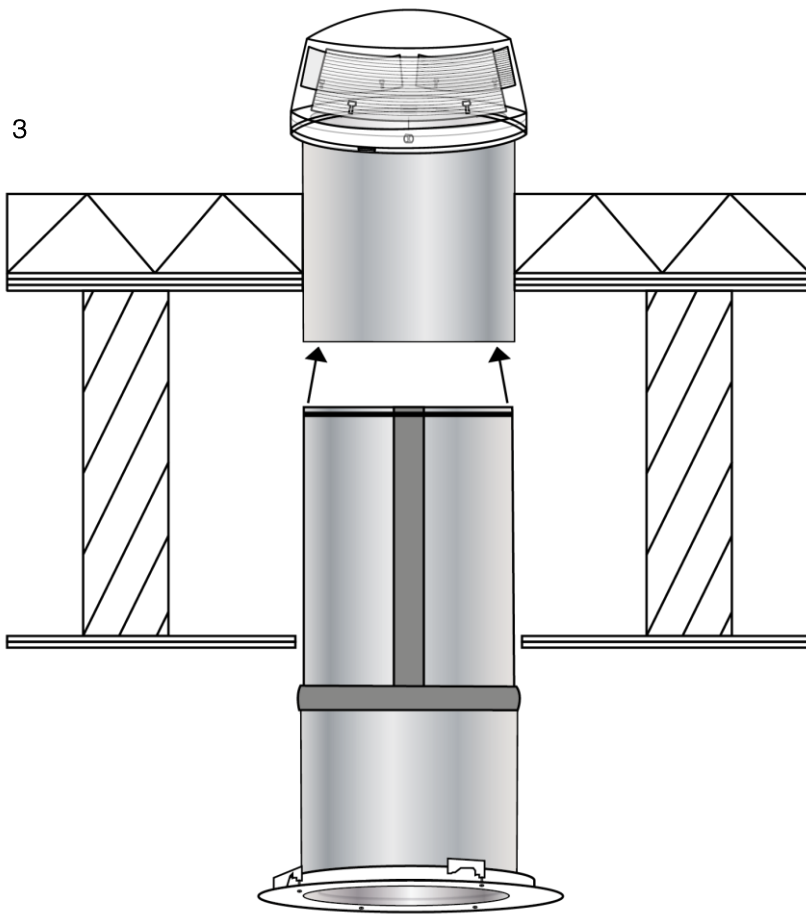
Slide the extension tube down into the bottom (ceiling) tube assembly allowing for an overlap of at least 4 cm.

Securely tape all tube seams around the outside of the tube with the aluminum tape provided. If necessary, use two screws to secure the pipes together.

**Tip:** If required, extension tubes can be cut / shortened with the use of a pair of tin snips.



Slide the tube up through the opening in the ceiling from below.  
Push the end with the sealing strip attached up into the top (roof) tube assembly as shown below.



### 2.3.2 Step 3.2 – Installation with multiple extension tubes

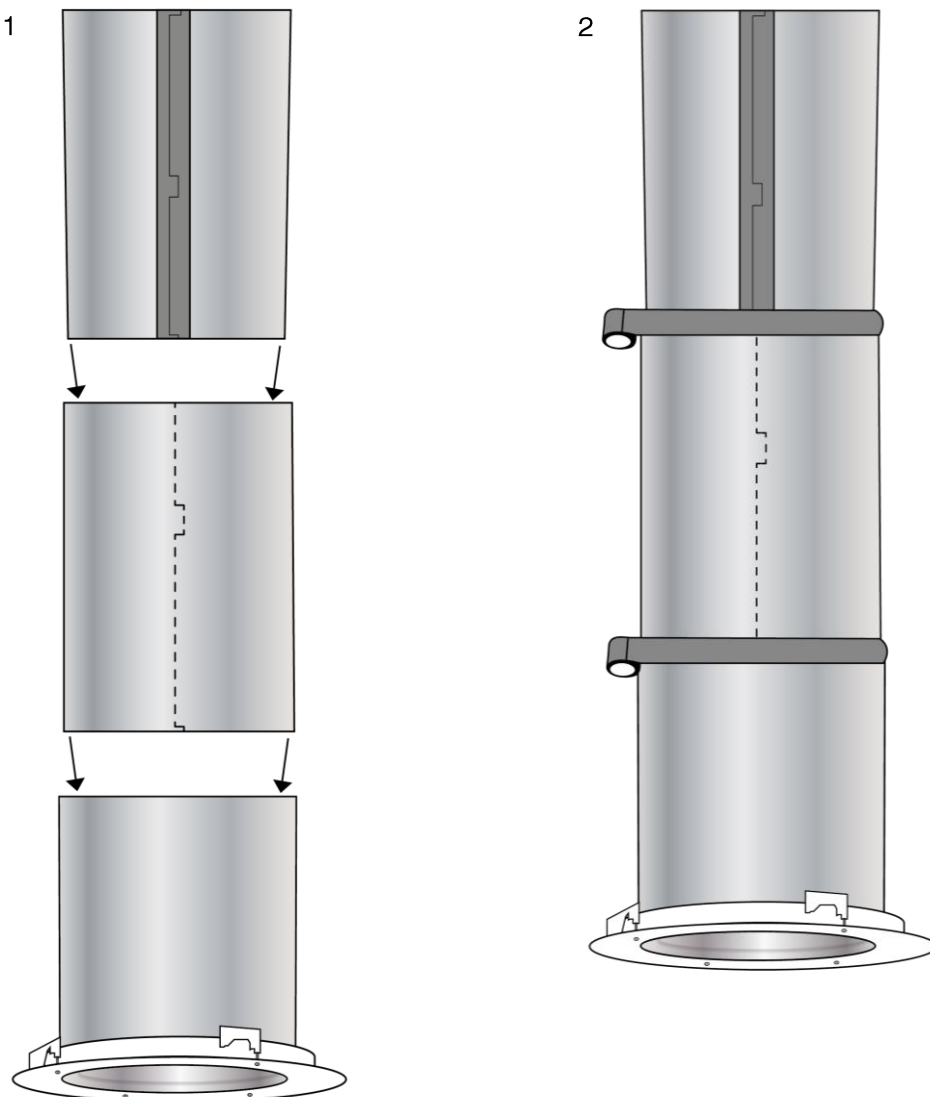
Slide any additional extension tubes down into the extension tube below with an overlap of at least 2.5 cms.

Stagger the vertical seam joints within the extension tubes to provide strength to the system. Tape all tube seams externally with the aluminium tape provided. If necessary, use two screws to secure the pipes together.

**Important:** The top extension tube, with the brush sealing strip applied must fit up inside the top (roof) tube assembly. Do not tape this connection as it allows for any movement within the system and/ or roof structure

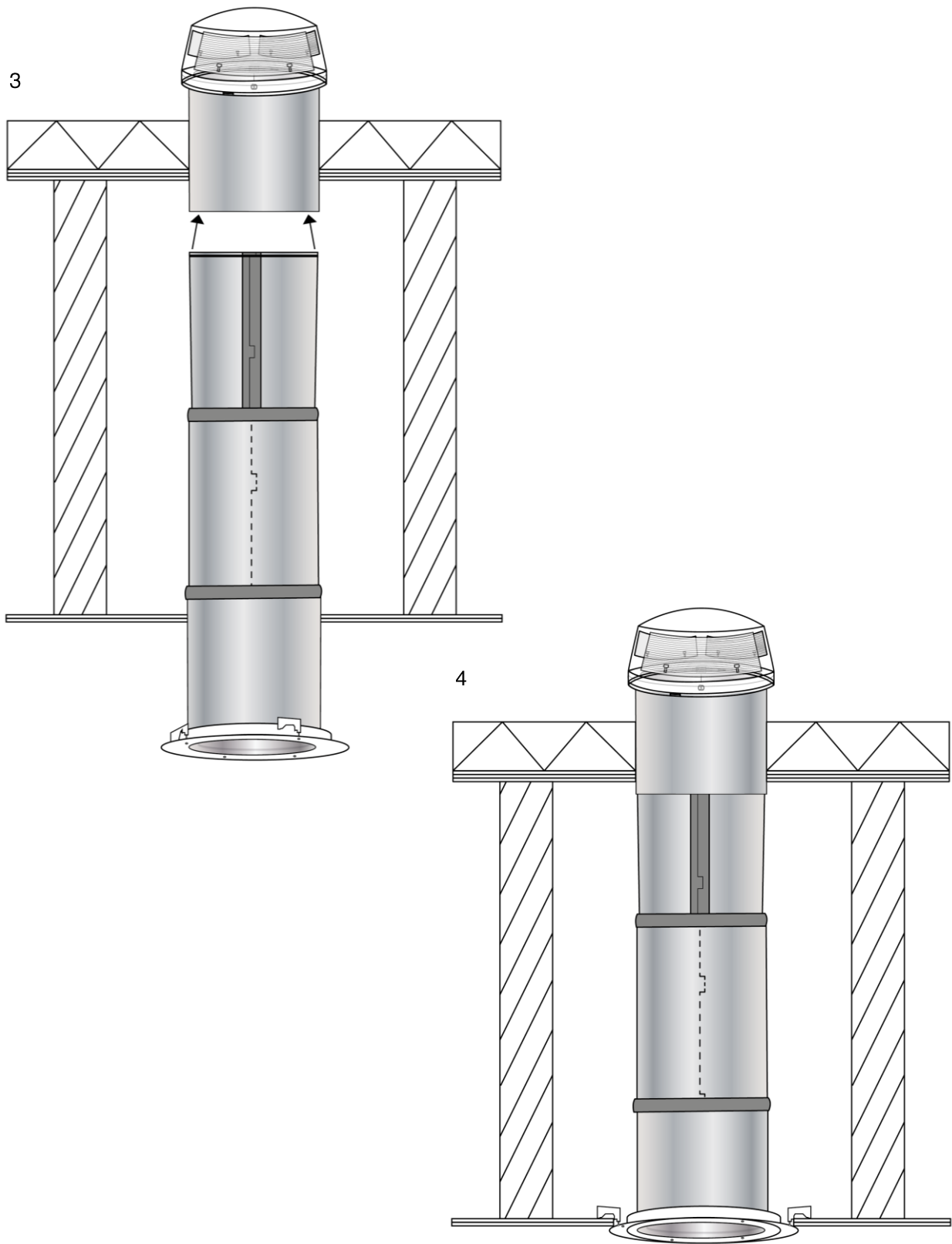
**Note:** The top extension tube is an exception: this extension tube must be in the top and bottom of the tube. As a result, the funnel shape does not apply to this.

**Tip:** If required, extension tubes can be cut / shortened with the use of a pair of tin snips.





Slide the tube up through the opening in the ceiling from below.  
Push the end with the sealing strip attached up into the top (roof) tube assembly as shown below



**This completes the installation of your extension tube/s.**

