

## Detailed Step-by-Step Door and Window Installation Instructions

### Pre-Installation Preparation

#### Tools Required:

- » Hammer
- » Ladder/step stool
- » Hand saw
- » Silicone sealant and application gun
- » Screwdriver
- » Level

#### Tools Required:



#### Important Timing:

- **Wait until at least 5 logs are installed** before mounting doors for easier access and structural stability

### Important Warnings

-  **CRITICAL:** Never attach frames directly to walls with nails or screws
-  **CRITICAL:** Never fill expansion gaps with solid materials
-  **CRITICAL:** Ensure proper orientation before final installation

### Quality Control Checklist

Before completing installation, verify:

- » Correct window/door orientation
- » All silicone properly applied
- » Expansion gaps maintained
- » Drip caps installed (if applicable)
- » No direct attachment to walls
- » Frames properly centered
- » All edgings securely fastened

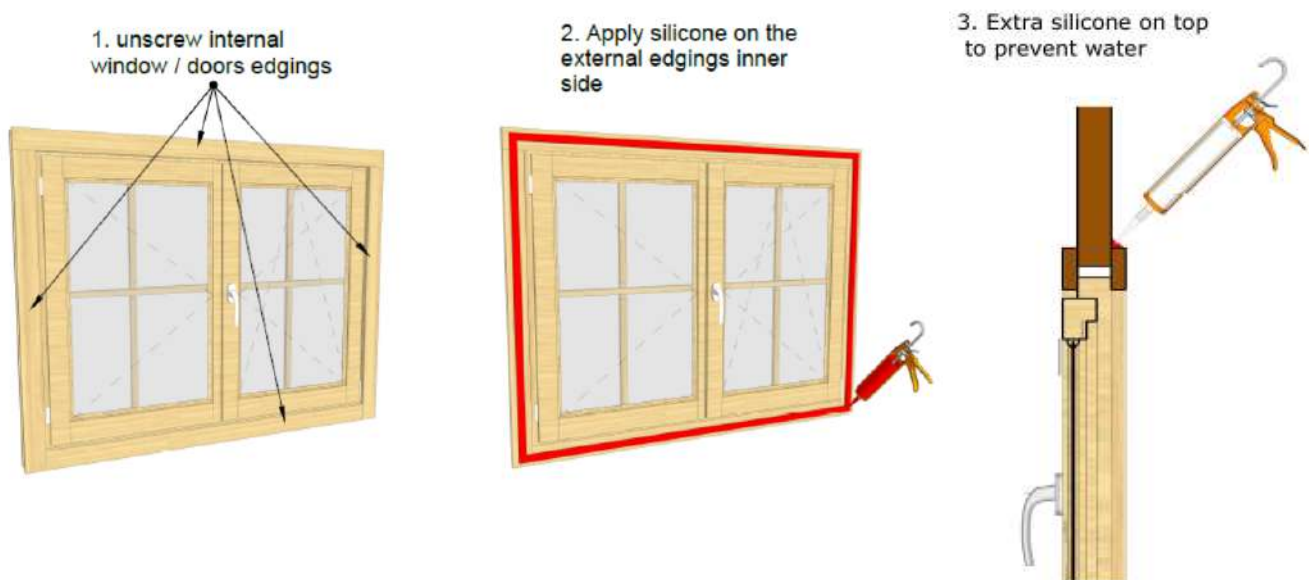
## Step 1: Prepare for Water Protection

### 1.1 Silicone Application for Windows

1. **Unscrew internal window/door edgings** from the frame
2. **Apply silicone sealant** to the inner side of external edgings
3. **Add extra silicone on top** of the frame to prevent water infiltration
4. Allow silicone to set according to manufacturer's instructions

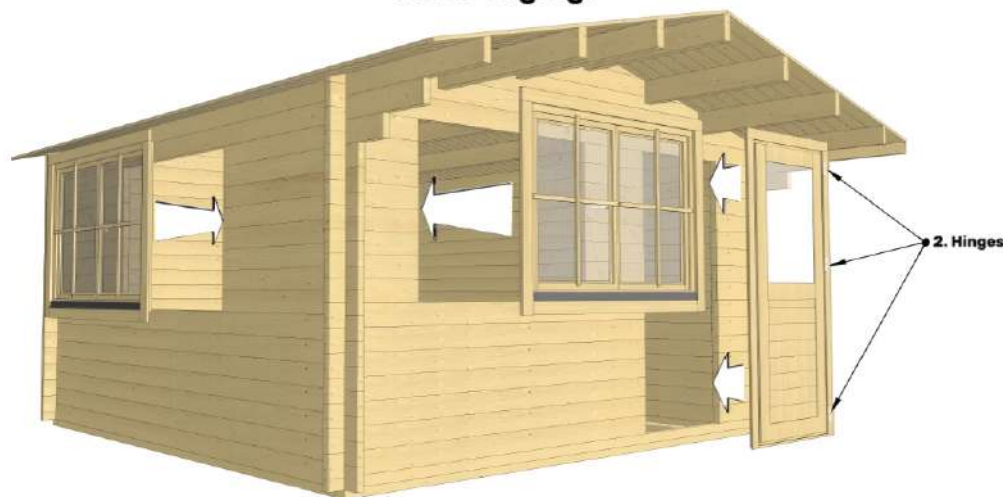
### 1.2 Door Panel Weatherproofing

1. **Apply silicone to all edges** of the door's solid panel where tongue-and-groove boards meet
2. This prevents rainwater from running down the T&G boards and penetrating joints



**Window installation** – 1. Unscrew internal window / door edgings; 2. Apply silicone on the external edgings inner side; 3. Extra silicone on top to prevent water.

**1. Place door and window in their places and screw back the inner edgings**



**Window inside/outside view** – 1. Make sure that you are fixing the right side of window;  
2. Inside view; 3. Outside view; 4. Hinges; 5. Handle; 6. Locker; 7. Hinge clipper

## Step 2: Verify Correct Orientation

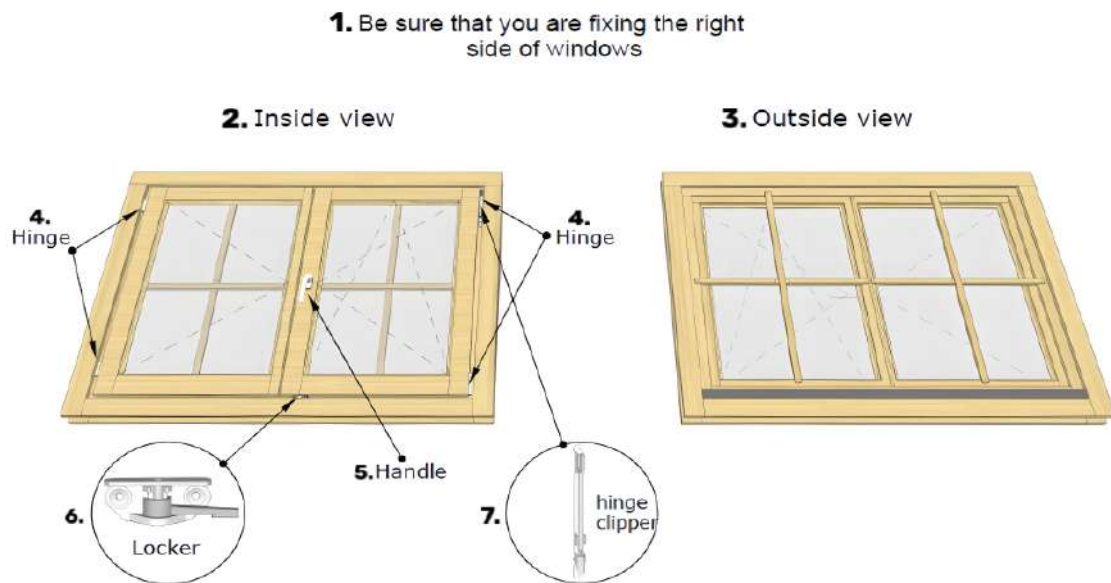
### 2.1 Window Orientation Check

- » **Regular windows:** Handle should be on the inside
- » **"EV" windows:** Handle will be on the outside (opposite of regular windows)
- » **Doors:** Use the provided floor plan to determine correct orientation

### 2.2 Identify Components

From inside view, locate:

- » Hinges (left side)
- » Handle (bottom center)
- » Locker mechanism
- » Hinge clipper



**Window inside/outside view** – 1. Make sure that you are fixing the right side of window; 2. Inside view; 3. Outside view; 4. Hinges; 5. Handle.

## Step 3: Install Windows and Doors

### 3.1 Positioning

1. **Place door/window in their designated openings**
2. **Center the frame** to ensure even expansion/contraction gaps on all sides (except bottom)
3. **Verify gaps are present** - these should already be cut in the wall structure

### 3.2 Securing

1. **Screw back the inner edgings** to secure the window/door in place
2. **DO NOT nail or screw frames directly to walls** - this prevents damage from wood expansion/contraction

## Step 4: Critical Gap Management

### 4.1 Expansion/Contraction Gaps

- » **Maintain gaps** between frame and walls on top and sides (not bottom)
- » **Never fill gaps with solid materials** - this can cause:
  - » Wall gapping
  - » Splitting
  - » Cracking
- » **Gaps will be covered** by the door/window frames themselves

## Step 5: Install Drip Caps (Recommended)

### 5.1 Drip Cap Installation

1. **Position drip caps 50mm higher** than door and window frame tops
2. This accounts for potential log settling over time
3. **Apply silicone** between drip caps and wall where they join
4. **Cut angles yourself** if ordering drip caps from supplier

### 5.2 DIY Drip Cap Option

- » Use leftover cabin parts to create your own drip caps
- » Ensure proper angling for water runoff

## Step 6: Final Weatherproofing

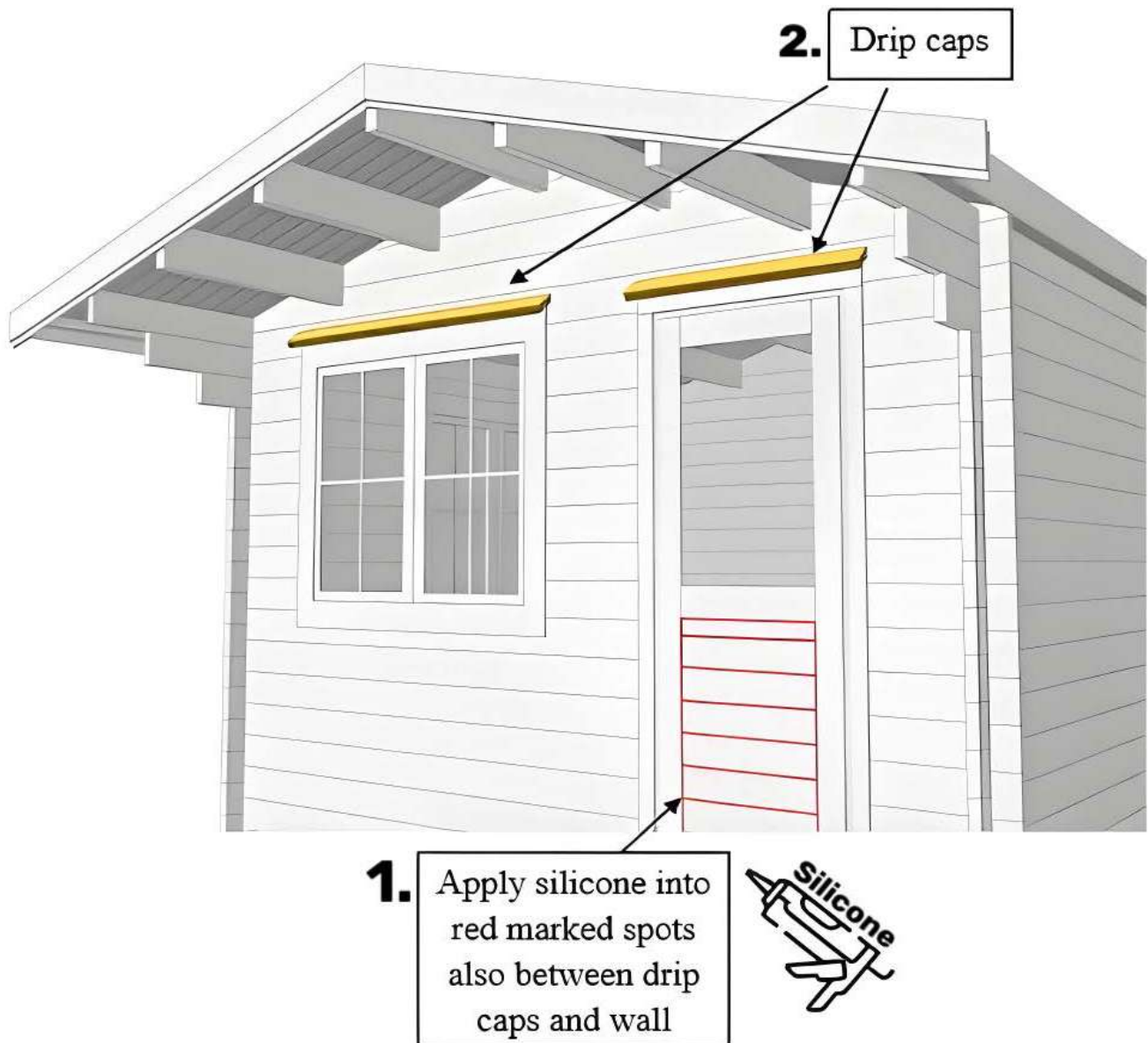
### 6.1 Complete Silicone Sealing

Apply silicone to all red-marked areas including:

- » All frame edges
- » Between drip caps and wall
- » Any remaining joints that could allow water penetration

### 6.2 Ongoing Maintenance

- » **Monitor silicone condition** regularly
- » **Renew silicone as needed** since it loses properties over time
- » Check for any gaps or cracks that develop



**Protecting door/window** – 1. Apply silicone to the red-marked spots, including between the drip caps and the wall; 2. Drip caps