

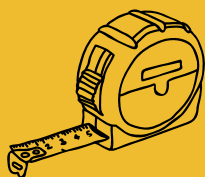


# Installing an Aluminum Fence with Aluminum Posts



## Tools and Materials Required:

1. Aluminum fence panels and posts
2. Cement (preferably quick-set concrete mix)
3. Agar (used as an adhesive or filler for extra stability, optional)
4. Posthole digger or auger
5. Level
6. Measuring tape
7. String line and stakes
8. Rubber mallet
9. Power drill with metal drill bits
10. Screws or brackets (as provided by the fence manufacturer)
11. Trowel or mixing tool for cement
12. Protective gloves and safety goggles



**By following the instructions below, your aluminum fence should be securely installed, durable, and visually appealing for years to come!**

## Step-by-Step Installation Guide

### 1. PLANNING AND PREPARATION

#### 1. Mark the Layout:

- Use stakes and a string line to outline the fence perimeter.
- Mark where each post will be placed, typically spaced according to the length of the fence panels (e.g., 6-8 feet apart).

#### 2. Check Regulations:

- Verify property lines and local regulations to ensure compliance with building codes and fencing ordinances.

### 2. DIGGING POST HOLES

#### 1. Mark the Holes:

- At each marked location, dig post holes approximately 8-12 inches wide and 24-36 inches deep (adjust depth based on soil conditions and local frost line).

#### 2. Prepare for Stability:

- Ensure the bottom of the hole is flat for stability.

# Step-by-Step Installation Guide | CONTINUED

## 3. SETTING THE POSTS

- 1. Position the Post:**
  - Place the aluminum post into the hole, ensuring it is upright and aligned with the string line.
- 2. Mix Cement:**
  - Follow the instructions on the cement bag to prepare the mix.
  - Optionally, mix a small amount of agar with the cement to enhance adhesion and stability if recommended by the manufacturer.
- 3. Pour Cement:**
  - Pour the cement mix into the hole around the post, filling it to just below ground level.
  - Use a trowel to smooth the surface and remove air pockets.
- 4. Level the Post:**
  - Use a level to ensure the post is perfectly vertical. Adjust as needed before the cement sets.
- 5. Allow to Cure:**
  - Let the cement cure for at least 24 hours or as recommended on the packaging.
- 6. Base Rail:**
  - Install the bottom base rail to ensure the posts remain in place while cement sets overnight



## 4. ATTACHING FENCE PANELS

- 1. Align the Panels:**
  - Position the first fence panel between two posts. Ensure it is level and aligned with the top of the posts.
- 2. Secure the Panels:**
  - Attach the panel to the posts using the brackets or screws provided with the fence kit. Use a power drill for secure installation.
  - There are 3 sheets of Aluminum per panel. Slide one panel into the post and repeat with the other two panels. The panels interlock with one another to create a seamless look.
- 3. Repeat:**
  - Continue attaching panels between each pair of posts, ensuring consistent spacing and alignment.

## 5. FINAL ADJUSTMENTS AND FINISHING

- 1. Check Alignment:**
  - Walk along the fence line to ensure all posts and panels are aligned and level.
- 2. Fill Gaps (Optional):**
  - If there are small gaps at the base of the posts, use an agar-based filler for a clean finish.
- 3. Secure Caps:**
  - Attach the post caps to the top of each post to protect against weather and enhance the fence's appearance.
- 4. Clean Up:**
  - Remove excess cement and tools from the site.

## MAINTENANCE TIPS

- Periodically inspect the fence for loose screws or brackets and tighten as needed.
- Clean the aluminum panels with mild soap and water to maintain their finish.
- Check for any signs of rust or corrosion and address promptly.