

# Raised Bed Wall Assembly and Fasteners

Learn about methods to fasten and assemble a traditional wooden raised bed



## Introduction

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There are many options on how you can fasten the walls of your raised bed garden.

This document is limited primarily to raised-beds constructed of wood or wood-like material (e.g. plastic composites) for customized beds.

## Methods of Wall Assembly

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### Staked Walls

#### Advantages

- Quick and easy to establish
- Long lasting
- Can easily remove or repair easily

#### Disadvantages

- May not be as stable or tidy

Source: <http://www.rodalesorganiclife.com/>



### Corner Posted

#### Advantages

- Makes leveling the raised bed simple
- Very stable
- Able to fasten securely

#### Disadvantages

- Could be difficult to repair especially as the wood begins to decay

Source: [http://eartheasy.com/grow\\_raised\\_beds\\_02.jpg](http://eartheasy.com/grow_raised_beds_02.jpg)



### Simple Assembly

#### Advantages

- Quick and inexpensive

#### Disadvantages

- Could be difficult to repair especially as the wood begins to decay
- More susceptible to freeze/thaw action

Source: <https://tinyurl.com/h24vg6b>

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## Bracketed

### Advantages

- Secure and long lasting (depending on construction and material)
- Inexpensive shelf or 'L' bracket options are found at local hardware stores

### Disadvantages

- Could be difficult to repair but repairs would be less likely
- Can be expensive

Source: <https://tinyurl.com/jrkzpgq>



## Jointed (Dado or Lap Joint)

### Advantages

- Can be glued, bolted, or nailed. Very strong

### Disadvantages

- Requires additional tools and skill.

Source: <https://tinyurl.com/zs473vs>



## Overlap

### Advantages

- Easy to install

### Disadvantages

- Vulnerable to failure and rot due to many joints.

Source: <https://tinyurl.com/hcncfys>

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## Fasteners

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### Nails



Can be used on any assembly method but is probably the weakest fastener. It is susceptible to freeze/thaw more so than other fasteners

### Wood Screw



A wood screw is sturdy and long lasting. Most are galvanized or coated to prevent rust and can be removed when needed. This can be used on any method of wall assembly.

### Nuts and Bolts



Nuts and bolts work best on bracketed and corner-posted beds. However, despite coating to prevent rust, removing them will be difficult. A wood screw is preferred if possible.

### Wood Glue



Wood glue can be solely on jointed and overlap wall assembly methods or in combination with other methods like simple or corner-posted. In addition to this, wood glue will create a water tight seal, therefore preventing rot, wherever the glue is in contact with the wood.