



This guide provides essential instructions and best practices for the proper installation of WPC outdoor column. Adhering to these guidelines will help ensure the product's integrity, longevity, and performance. Note that the information in this guideline is provided freely and serves as general guidance, without granting or implying any warranty.

PRELIMINARY CONSIDERATIONS

HANDLING AND STORAGE:

- Store WPC columns flat and supported on a level surface to prevent warping or bending.
- Protect columns from moisture and direct sunlight before installation by keeping them under a cover or in a shaded area.
- Avoid placing heavy objects on the columns during storage to prevent deformation.
- Acclimate the columns to the installation environment by storing them on-site for 24–48 hours before use.

BATCH VARIATION:

- Variations in surface texture and color may occur due to natural and processing factors. To ensure consistency, purchase all required WPC columns for a project at once.
- WPC columns will undergo an initial color stabilization, lightening by approximately 10% within the first year before settling into their final tone.

USAGE:

- WPC outdoor columns are not designed for use as structural columns, support posts, beams, joist stringers, or any primary load-bearing applications. It must be supported by a structurally integrated substructure.

ENVIRONMENT:

- Exposure to excessive heat from external sources, such as fire, can damage WPC columns. Avoid installation near heat sources like fireplaces.

CUTTING

- Use standard woodworking tools for clean and precise cuts.
- Ensure panels are well-supported and stable during cutting to prevent cracking or uneven edges.

FASTENING

- Use fastening accessories specifically engineered for composite wood. Using incorrect screws may cause protrusions at the fastening points.
- Always pre-drill holes before inserting screws to prevent splitting or cracking. Screws should be driven perpendicularly to the surface for a secure fit.

MAINTENANCE AND CARE

MAINTENANCE:

- Avoid heavy impact or excessive force on WPC outdoor columns, especially at the edges, to prevent structural damage.

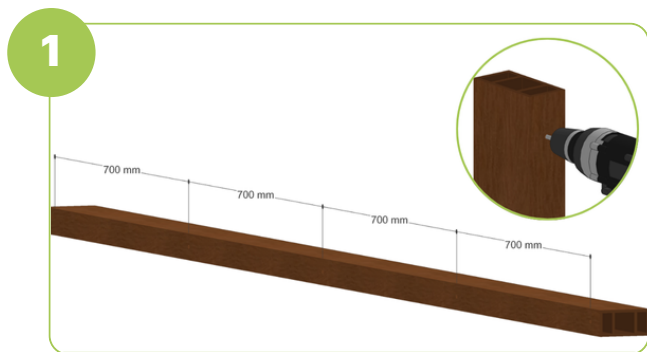
CLEANING:

- Wipe the WPC columns periodically with a clean, damp cloth to remove dirt, dust, and any surface stains.
- Avoid using abrasive materials or harsh chemicals that could scratch or damage the surface.

INSTALLATION PROCEDURES

MATERIALS AND EQUIPMENT:

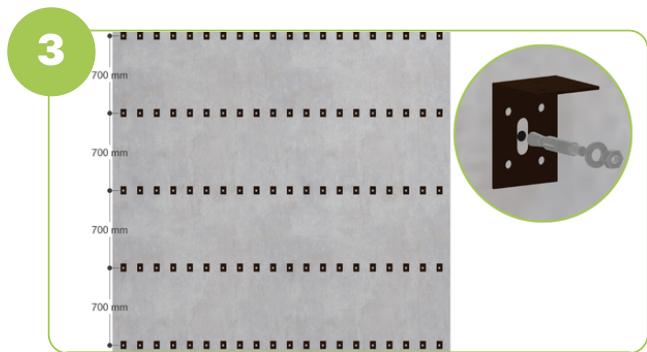
- Tape Measure
- Circular Saw
- Power Drill
- Wood Screws
- Metal Angle Plates
- Expansion Screws
- Metal Clips
- Core Bolt and Nuts
- WPC Outdoor Columns
- Edge Caps
- Construction adhesives



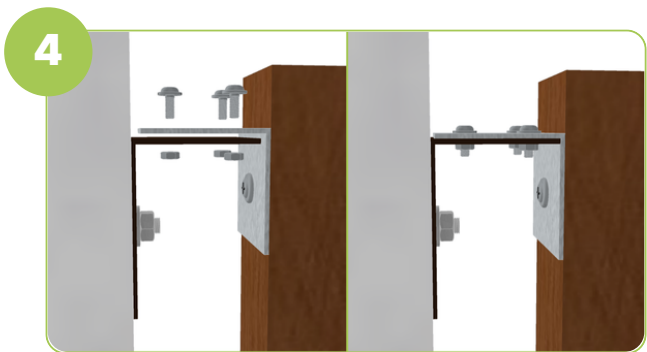
Drill holes along the entire length of the WPC outdoor column at 700mm intervals.



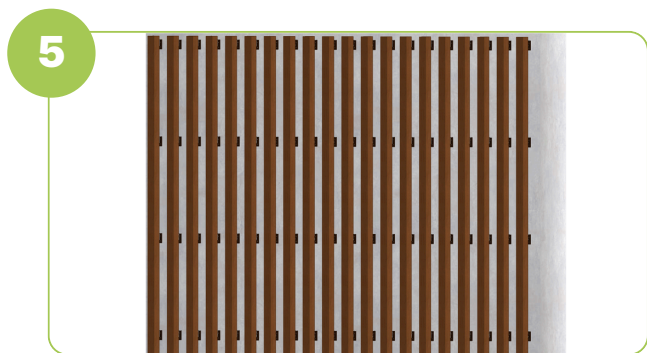
Secure metal angle plates to the drilled holes using wood screws at designated points.



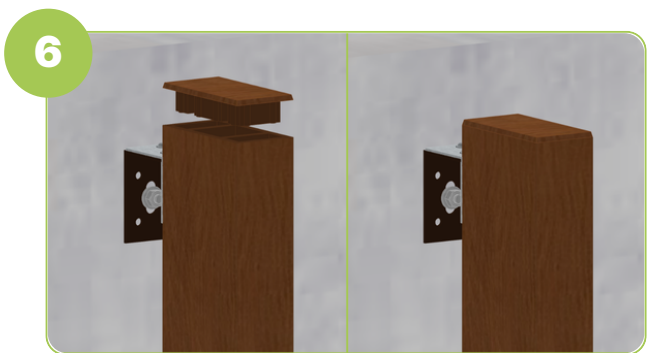
Fix metal clips to the concrete wall with expansion screws, maintaining 700mm spacing.



Attach the WPC outdoor columns to the metal clips using the metal angle plates and fasten them with core bolts and nuts.



Repeat the process as needed.



Complete the look with sleek edge caps attached with adhesives on both ends for a polished look.