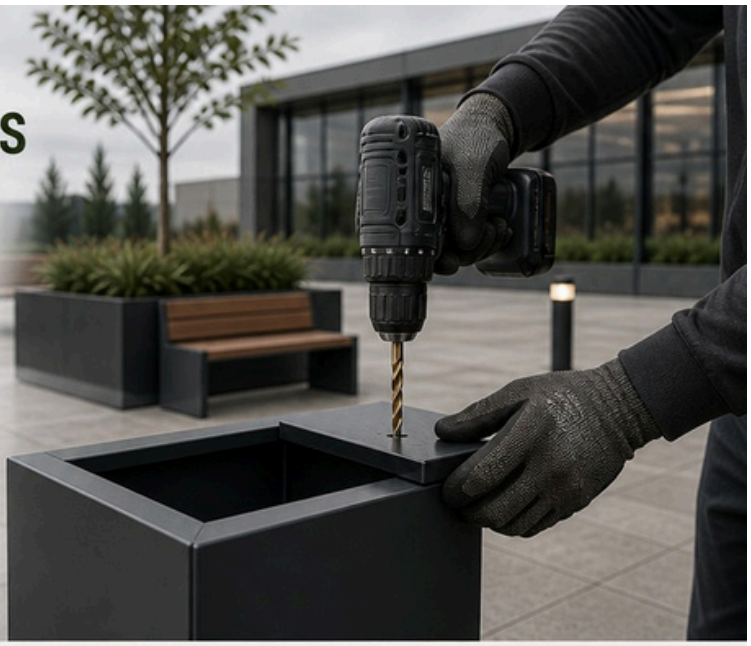
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RETROFITTING & FIELD MODIFICATIONS GUIDE

CUTTING, DRILLING, AND REFINISHING



Please Plant

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OVERVIEW

Please Plant products are designed for long-term durability and ease of installation. Field modifications such as cutting, drilling, or refinishing may be necessary to meet project-specific requirements, retrofit existing installations, or accommodate unique site conditions. This guide provides best practices to ensure modifications maintain the product's integrity, longevity, and aesthetic quality.

CUTTING GUIDELINES

Use the appropriate tools based on the material type:

- **Metal Components:** Use a cold saw or plasma cutter to minimize heat distortion.
- **Composite & Polymer Materials:** A fine-tooth carbide saw blade ensures clean cuts with minimal chipping.
- **Wood & Wood-Composites:** A circular or miter saw is recommended for precise, smooth cuts.



DRILLING RECOMMENDATIONS

Drilling should be performed using suitable drill bits for each material:

- **Metal:** Use high-speed steel (HSS) or carbide-tipped drill bits at low speeds with lubricant to prevent overheating and burr formation.
- **Composites & Plastics:** Apply light pressure to avoid cracking and splintering.
- **Wood:** Use standard woodworking bits and seal drilled areas to prevent moisture infiltration.



REFINISHING PROCEDURES

Refinish exposed or modified edges to maintain protective coatings and prevent degradation:

- **Powder-Coated Surfaces:** Use manufacturer-approved touch-up paint to restore protection.
- **Anodized Aluminum:** Apply an anodizing repair solution to prevent oxidation.
- **Composite Materials:** Use appropriate sealants to maintain resistance to moisture and UV exposure.



BEST PRACTICES & PRECAUTIONS

- Perform all modifications in a controlled environment to avoid contamination of adjacent surfaces.
- Prevent cross-contamination between dissimilar metals to reduce the risk of galvanic corrosion.
- Ensure all field modifications comply with local building codes and industry best practices.
- Use appropriate personal protective equipment (PPE) when handling tools and refinishing agents.

ENVIRONMENTAL CONSIDERATIONS

- **High Heat:** Increased expansion requires flexible joints or wider spacing.
- **Cold Climates:** Contraction may cause gaps; select materials suited for extreme temperatures.



COMPLIANCE & LIMITATIONS

Modifications made in the field may impact the original manufacturer's warranty. Extensive alterations should be reviewed and approved by a project manager or engineer before proceeding. For extensive modifications, consult Please Plant to ensure long-term product performance and compliance with industry standards.

CONTACT INFORMATION

For additional support regarding field modifications, refinishing materials, or approved touch-up kits, contact Please Plant at info@pleaseplant.com or call +1 236-323-2179.



This guide serves as a reference and should be used in conjunction with local building codes and best practices.