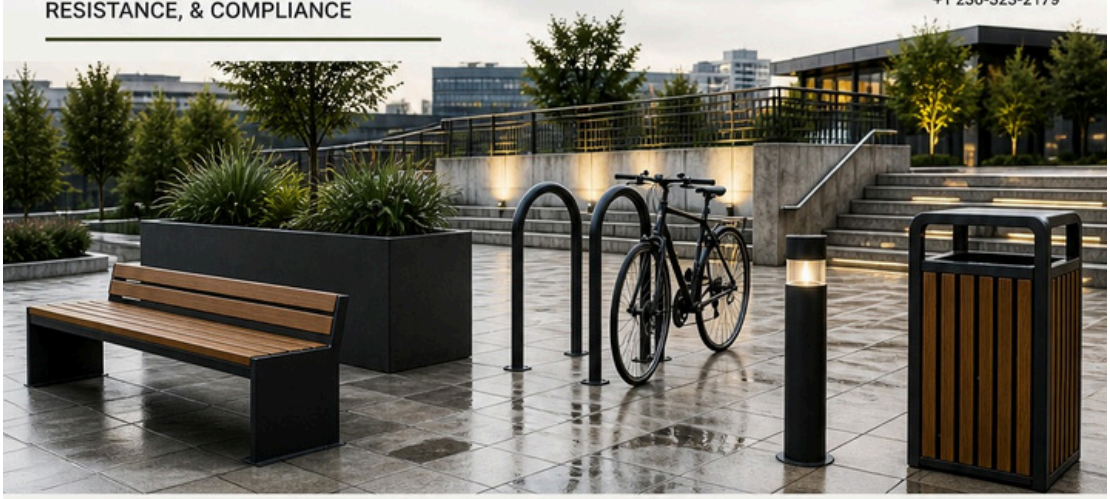
MATERIALS & PERFORMANCE

UNDERSTANDING DURABILITY, RESISTANCE, & COMPLIANCE

PLEASE PLANT

Manufacturer: Please Plant
Contact: info@pleaseplant.com
+1 236-323-2179



UV RESISTANCE

All outdoor products are tested for UV stability to maintain their color and integrity over prolonged sun exposure. Powder-coated metals and composite finishes meet ASTM G154 standards for UV weathering resistance.

STANDARD:
ASTM G154

CORROSION & MOISTURE RESISTANCE

Our metal components are treated with anodized or powder-coated finishes, ensuring protection against corrosion, moisture, and chemical exposure. Stainless steel options provide enhanced resistance for coastal and industrial environments, meeting ASTM B117 salt spray testing standards.

STANDARD:
ASTM B117

FIRE RESISTANCE

Select materials used in Please Plant products comply with ASTM E84 Class A fire rating and CAN/ULC-S102 standards for flame spread and smoke development. Fire-resistant coatings and non-combustible components are available for specific applications.

STANDARDS:
ASTM E84 CLASS A
CAN/ULC-S102

LOAD-BEARING CAPACITY

Structural elements such as benches, tables, decking, and railings are designed to meet commercial-grade load requirements. Our products undergo rigorous testing to ensure compliance with ANSI, ASTM, and local building codes for safety and durability.

STANDARDS:
ANSI • ASTM • LOCAL CODES

THERMAL EXPANSION & CONTRACTION

Metal and composite materials naturally expand and contract with temperature fluctuations. Proper installation techniques, including allowance for movement and appropriate fastening methods, mitigate potential stress or warping. Refer to our Thermal Expansion & Contraction Guide for best practices.

SEISMIC & WIND LOAD CONSIDERATIONS

For installations in high-wind or earthquake-prone regions, Please Plant offers anchoring solutions designed to improve stability and performance. Engineering assessments and compliance with local codes are recommended for critical installations.

SUSTAINABILITY & ENVIRONMENTAL IMPACT

We prioritize sustainable material sourcing and manufacturing processes. Many of our products contain high-recycled-content metals and responsibly sourced wood, contributing to LEED certification eligibility. Low-VOC finishes and eco-conscious production practices align with green building standards.



MAINTENANCE & LONGEVITY

Routine cleaning with mild detergents and periodic inspections help maintain material integrity and aesthetics. Protective coatings may be reapplied as needed for extended service life.

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For more information on material specifications, compliance documentation, or application guidance, contact Please Plant.