

Bégin

BIOWOOD

ECOLEGACY



Width: 6 3/4 in
Depth: 6 3/4 in
Height: 12 in
Capacity: 220 cubic in

Width: 2 1/4 in
Depth: 2 1/4 in
Height: 6 in
Capacity: 27 cubic in

COMPOSITION AND CHARACTERISTICS OF FUNERAL URNS: BIOWOOD AND ECOLEGACY

eco



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This document outlines the technical and environmental features of our ECO lines of funeral urns, manufactured in Canada: Biowood (based on PLA blended with wood residues) and EcoLegacy (based on PHA blended with wood residues). These renewable, plant-based materials are biodegradable and help reduce environmental impact, with certifications supporting their eco-friendly performance in appropriate conditions for conscious funeral services.

BIOWOOD PRODUCT LINE

PLA (Polylactic Acid) is a biobased polymer derived from renewable resources like corn starch or sugarcane. In the Biowood line, it is blended with wood residues to create a timeless, earthy warmth and elegant natural appearance. The urns are robust and durable for funeral home use. In typical soil burial conditions, they break down slowly and gradually over an extended period—often several years or more (potentially a decade or longer), depending on factors like temperature, moisture, and soil life. The wood blend encourages a more natural breakdown than PLA alone, aligning with sustainable end-of-life goals while offering an eco-friendly, aesthetically pleasing choice.

ECOLEGACY PRODUCT LINE

PHA (Polyhydroxyalkanoates) are innovative, plant-based polymers that break down rapidly through natural processes. In the EcoLegacy line, PHA is blended with wood residues for a warm, comforting, organic look and feel. These urns are certified bio-based, non-toxic, GMO-free, and fully compostable—providing a strong alternative to traditional plastics. They remain robust during use, with biodegradation in natural soil typically observed within 6–24 months depending on soil moisture, temperature, microbial activity, and burial depth. Please note this timeframe is an approximation based on available data and not a guaranteed timeline, as environmental conditions can significantly influence the process.

How the natural breakdown happens in EcoLegacy

It's a gentle process powered by nature: In the soil, helpful tiny microbes (like bacteria and fungi) gather on the urn and release special natural substances (enzymes) that softly break the material into smaller pieces. The microbes then consume these pieces as food, turning everything into simple, harmless things like water, carbon dioxide, and nutrients that return to the earth. The added wood supports this smooth, earth-friendly return.

Environmental Benefits and Applications

Both PLA and PHA help reduce plastic waste through their biodegradable nature. Biowood provides durable, elegant urns with a focus on long-term integrity, while EcoLegacy excels in faster natural decomposition, bio-based origins, and GMO-free certification. PHA's safety is proven in medical uses (like sutures and dressings), highlighting its versatility. Both lines support precise, customizable production for refined aesthetics and innovation.

Certifications

Certifications are available upon request. By choosing Biowood and EcoLegacy, funeral homes offer clients urns that combine respect for the environment, comforting design, and advanced technology.

For more details or to discuss our products,
please contact us directly.

Bégin

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