



LIBUSUN

ASA WPC FACADE SYSTEM

TECHNICAL DATA SHEET (TDS)

⌘ PRODUCT SERIES

LIB-EXT-WPF-001

Linear Oak

LIB-EXT-WPF-002

Shadow Line

LIB-EXT-EPL-001

EasyPlank WideLine

⌘ PRODUCT DESCRIPTION

LIBUSUN ASA WPC Facade Systems are engineered exterior cladding solutions designed to combine the natural appearance of wood with advanced weather resistance and long-term dimensional stability.

The system utilizes a co-extruded ASA protective layer bonded to a reinforced WPC core, **providing UV resistance, color stability, impact resistance, and low maintenance requirements.**

Designed for residential, hospitality, commercial, and mixed-use architectural projects.

⌘ STANDARD PANEL SIZES

Component	Typical Content	
PVC	~50%	
Wood Fiber / Plant Fiber	~25%	
Calcium Carbonate Filler	~15%	
Functional Additives	~10%	
		Protective Surface Layer
		ASA (Acrylonitrile Styrene Acrylate)

⌘ AVAILABLE PROFILES

LIB-EXT-WPF-001

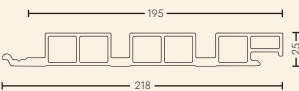
Linear Oak

Dimensions:

218 × 25 mm
8.58" × 0.98"

Length:

2.9 m standard (114")
Custom lengths available



LIB-EXT-WPF-002

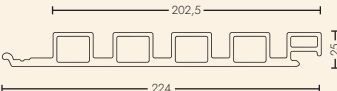
Shadow Line

Dimensions:

224 × 25 mm
8.82" × 0.98"

Length:

2.9 m standard (114")
Custom lengths available



LIB-EXT-EPL-001

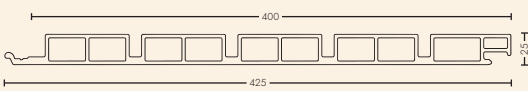
EasyPlank WideLine

Dimensions:

425 × 25 mm
16.73" × 0.98"

Length:

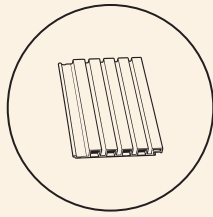
2.9 m standard (114")
Custom lengths available





⌘ AVAILABLE FINISHES

- MAPLE
- WALNUT
- TEAK



⌘ APPLICATIONS

- Luxury Residential Developments
- Multifamily Communities
- Hospitality Projects
- Mixed-Use Developments
- Commercial Buildings
- Architectural Feature Areas

⌘ PERFORMANCE FEATURES

- ✓ **UV Resistant**
ASA cap layer protects against fading and color degradation.
- ✓ **Weather Resistant**
Designed for long-term outdoor exposure.
- ✓ **Impact Resistant**
Enhanced structural rigidity compared to standard hollow cladding systems.
- ✓ **Scratch Resistant**
Improved surface durability.
- ✓ **Dimensional Stability**
Engineered to reduce warping and deformation.
- ✓ **Low Maintenance**
No painting or staining required.
- ✓ **Hidden Fastening System**
Provides a clean architectural appearance.
- ✓ **Fast Installation**
Pre-engineered profile geometry reduces labor time.

⌘ INSTALLATION METHOD

Mechanically fastened ventilated facade system.

Recommended support structure:

- Galvanized Steel Framing
- Aluminum Framing
- Treated Wood Battens (where permitted)

Fastening:

- Stainless Steel Screws
- Manufacturer-approved Fasteners



⌘ PHYSICAL PROPERTIES

PROPERTY	TYPICAL VALUE
Material Type	ASA Co-Extruded WPC
Application	Exterior
Surface Finish	Wood Texture
UV Resistance	Designed for long-term outdoor exposure
Maintenance	Low
Installation Type	Mechanical Fastening
Service Life	15–20 Years

⌘ SERVICE LIFE

Expected service life of 15–20 years under normal installation and maintenance conditions. Subject to installation quality, environmental conditions, and maintenance practices.

⌘ STORAGE

- ✓ Store flat on a level surface.
- ✓ Protect from direct sunlight prior to installation.
- ✓ Avoid excessive stacking loads.

⌘ WARRANTY

Warranty coverage varies by project type, installation method, and environmental exposure conditions.

⌘ DESIGN ADVANTAGES

- Natural wood-inspired appearance
- Lightweight compared to traditional facade materials
- Suitable for modern ventilated facade systems
- Consistent factory finish
- No painting or staining required



DESIGNED *FOR*
MODERN ARCHITECTURE.

BUILT *FOR*
PERFORMANCE.