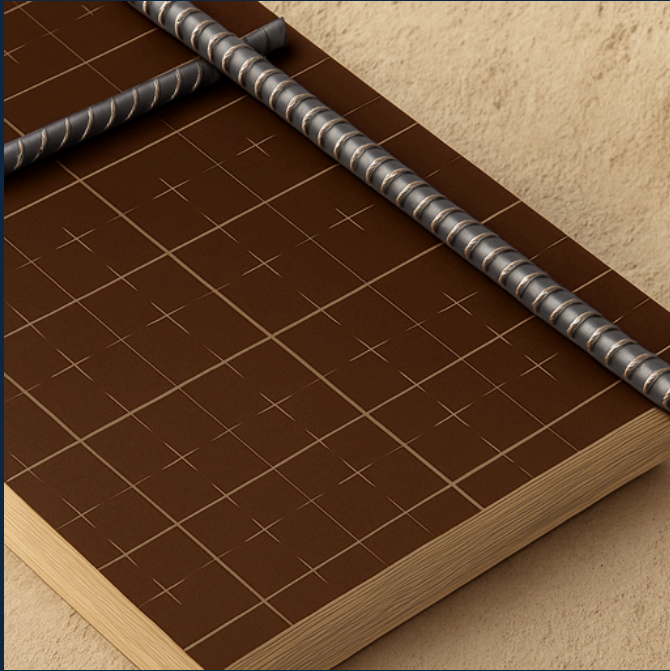


NF ELIT FormMaster



High-performance film-faced birch plywood engineered for reusable concrete formwork. Coated with phenolic film for superior wear, moisture, and chemical resistance—ideal for slab and wall shuttering, bridge decks, scaffolding decks, and more.

Phone / WhatsApp:

(513) 255-3103

Email:

sales@nfelitwood.com



Up to 50+ Uses



BETTER
WATER
RESISTANCE



ABSORBS LESS
HEAT IN
THE SUN



BETTER
WATER
RESISTANCE



PROTECTION
AGAINST
EXPOSURE
TO CONCRETE



Sealed Edges



No concrete
Discoloration



Easy to mark out

Smooth Finish • Reusable • Built for Concrete

Key Features

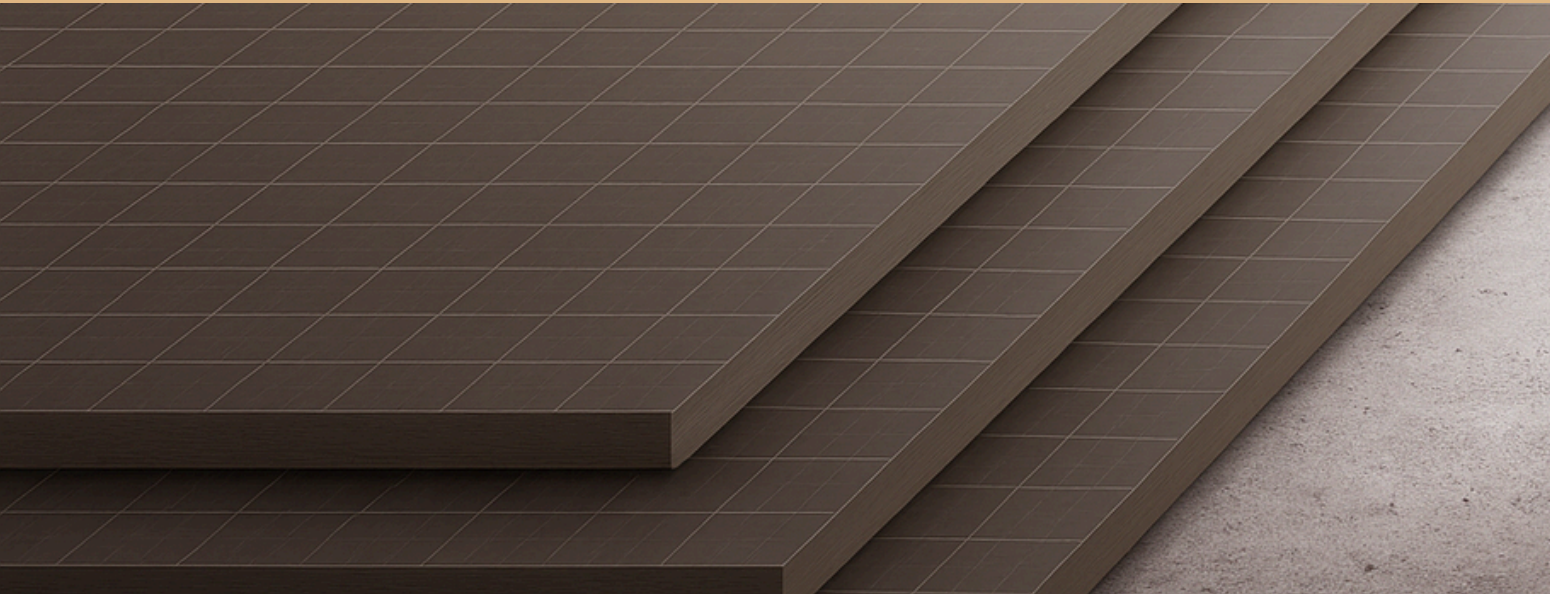
- 100% Birch Veneers – Multi-layer construction ensures exceptional strength and stiffness
- Phenolic Film Facing – High-density paper impregnated with phenol-formaldehyde resin; smooth or mesh-patterned surface resists abrasion and impacts
- Water & Chemical Resistance – WBP-grade adhesive and sealed edges prevent swelling and delamination in wet concrete environments
- Low Emissions – Compliant with E1/CARB Phase 2 limits for safer jobsite air quality
- Temperature Tolerance – Withstands -40 °F to +120 °F without film degradation

Technical Specifications

- Parameter Specification
- Standard Sizes 4' × 8' (48" × 96"), 5' × 10' (60" × 120"), cut-to-size available
- Thickness Range 12 mm (½"), 15 mm (⅝"), 18 mm (¾"), 21 mm (⅞"), 24 mm (1"), up to 30 mm (1 ¼")
- Film Density 120 g/m² or 220 g/m²
- Reusability (Cycles) Up to 30 pours with proper handling and cleaning between uses
- Static Bending Strength ≥ 60 MPa along grain; ≥ 30 MPa across grain
- Modulus of Elasticity ≥ 7 000 MPa along grain; ≥ 3 000 MPa across grain
- Moisture Content 5 – 12 %
- Density 640 – 700 kg/m³

Reuse Performance

Reuse Performance			
Film Type	Film Density	Taber Abrasion Resistance	Expected Reuses*
Standard	120 g/m²	400 – 450 revolutions	~15 – 20 cycles
Heavy-Duty	220 g/m²	700 – 750 revolutions	~25 – 30 cycles
* Subject to site conditions and maintenance.			



APPLICATIONS

Commercial Vehicle Flooring
– Secondary use in truck
bodies and trailers

Wall & Slab Shuttering –
Smooth finish for clean
concrete release and
multiple reuse cycles

Precast & Tilt-Up Forms –
Durable surface withstands
heavy vibration and
handling

Bridge Deck & Scaffold
Planking – Mesh pattern
option for anti-slip safety.

Interior & Exterior Cladding
– After formwork service
life, panels can be
repurposed for decorative
applications

