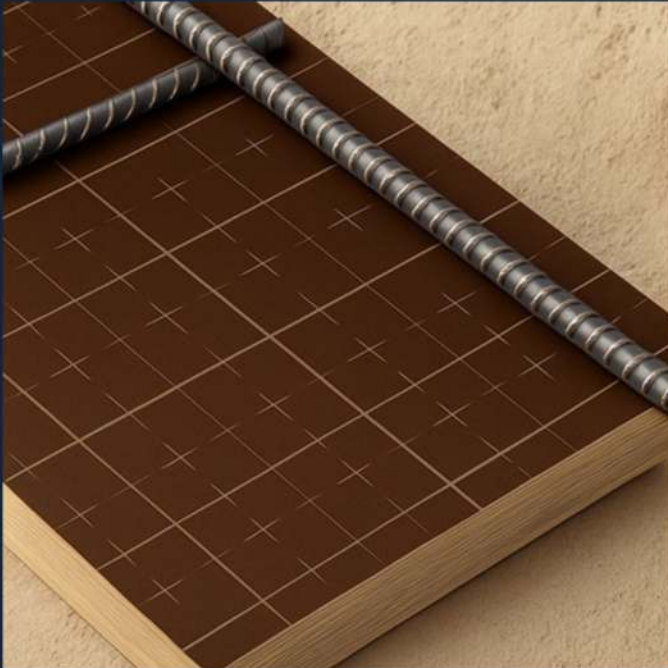


# NF ELIT FormMaster

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

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Up to 50+ Uses



BETTER  
WATER  
RESISTANCE



ABSORBS LESS  
HEAT IN  
THE SUN



Sealed Edges



No concrete  
Discoloration



BETTER  
WATER  
RESISTANCE



PROTECTION  
AGAINST  
EXPOSURE  
TO CONCRETE



Easy to mark out

*SmoothFinish • Reusable • BuiltforConcrete*

## 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' x 8' (48" x 96"), 5' x 10' (60" x 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/m<sup>2</sup> or 220 g/m<sup>2</sup>

**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/m<sup>3</sup>

## Reuse Performance

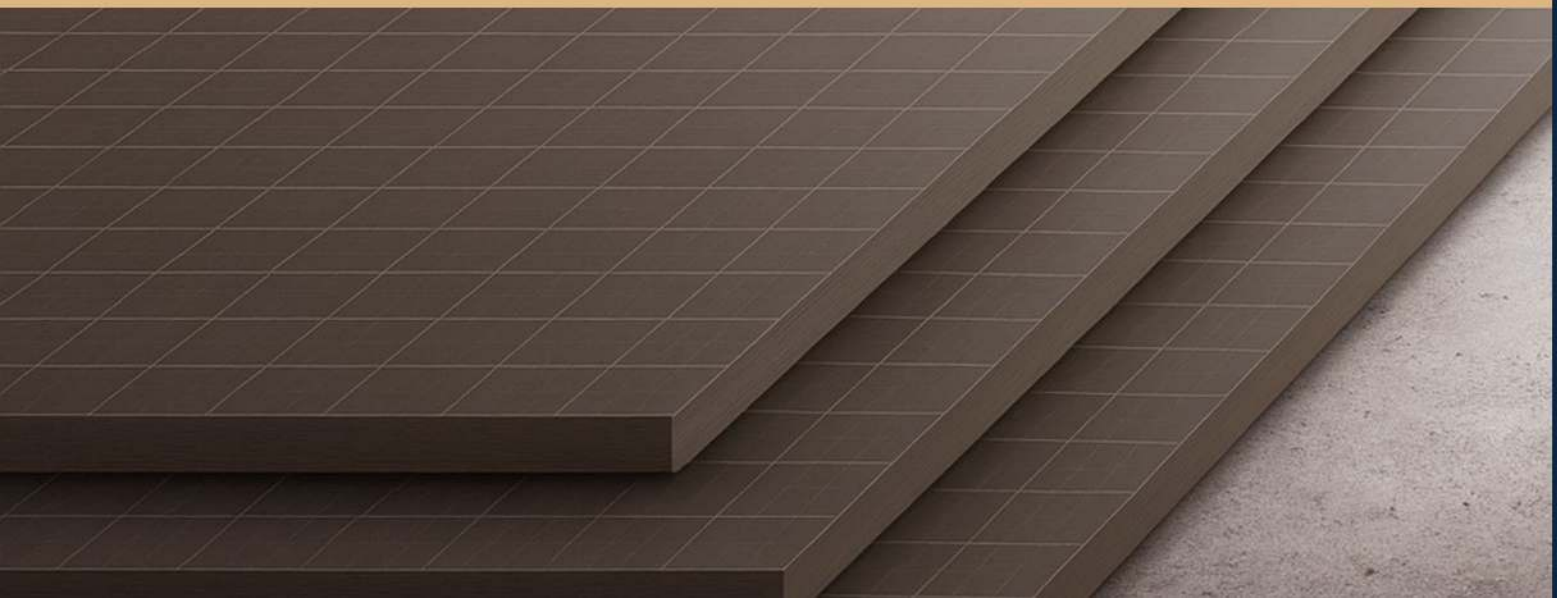
### Reuse Performance

**Film Type** Film Density Taber Abrasion Resistance Expected Reuses\*

Standard 120 g/m<sup>2</sup> 400 – 450 revolutions ~15 – 20 cycles

Heavy-Duty 220 g/m<sup>2</sup> 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

