

ESTPLY® FORM

ESTPLY FORM is a birch plywood panel made of cross bonded birch veneers and coated with smooth phenolic overlay on both sides.

Made of sustainably sourced local birch logs, its outstanding strength properties make it a high-quality, environmentally responsible choice for demanding industrial and exterior building applications.

- Several re-uses
- Easy to clean
- Strong
- Dimensional stability
- Environmentally friendly (Low VOC)
- Produced in EU

Estonian Plywood AS
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APPLICATION AREAS

- **Formwork systems**
- **Flight cases** building applications
- **Transport Industry** (including van lining, bus floors, trains etc)

TECHNICAL SPECIFICATIONS

Nominal thickness (mm)	4	6,5	9	12	15	18	21	24	27	30	35	40	45	50
Thickness tolerance, min	3,5	6,1	8,8	11,5	14,3	17,1	20	22,9	25,2	28,1	33,5	38,8	43,6	48,5
Thickness tolerance, max	4,1	6,9	9,5	12,5	15,3	18,1	20,9	23,7	26,8	29,9	35,5	41,2	46,4	51,5
Number of plies	3	5	7	9	11	13	15	17	19	21	25	29	33	35

For detailed technical values, see product related DoP on our webpage *here*

Density: 660-720 kg/m^3
Machining: cut to size, T&G, chamfer on request according to customer specification

Size tolerance: <1000 mm ±1 mm; 1000-2000 mm ±2 mm; >2000 mm ±3 mm
Squareness and edge straightness tolerance: ±1 mm/m

PROPERTIES & COMPLIANCE

Wear resistance

Taber values according to EN 438-2 DIN53799

ESTPLY FORM 120 g min 350 cycles

ESTPLY FORM 220 g min 750 cycles

ESTPLY FORM 440 g min 1600 cycles

Coating

Dark brown phenolic film on both sides 120 g/m2 or 220 g/m2. Thicker films available on request. Edges painted with acrylic paint against moisture.

- **Light brown** phenolic film 120 g/m^2
- **Green** phenolic film 120 g/m^2
- **Black** phenolic film 220 g/m^2

Fire rating

ECE Reg. No. 118. Annex 8 (vertical and horizontal use)

Gluing

EN 314-2 class 3. Exterior

Formaldehyde emission

E0.5 compliant. CARB II ULEF compliant

Chemical regulatory compliance

REACH compliant. PFAS compliant

Panel sizes

1250/1500/1525x2500/3000/3300 mm

Other sizes available upon request.

OTHER INFORMATION

General Sales Conditions | *DoP* | *EPD*

Safety Data Sheet | *Storage instructions*

Certified Management Systems