

Euro Form

When the job requires numerous pours with consistent quality results select the best Finland Form®/Euro Form.

Insure the results of your next project.

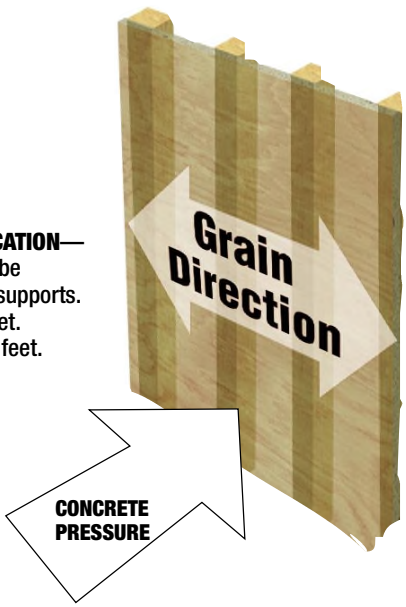
Specify Finland Form®/Euro Form.

FINLAND FORM®/ EURO FORM - Hard, smooth Birch face veneers with Phenolic resin thermally fused into both panel sides. All inner plies are solid Birch, for the strongest and most durable plywood forming panel available.

Finland Form®/Euro Form from NAPC has proudly become the standard by which other form panels are judged. Manufactured with 1.4mm rotary-cut birch veneers, even the thinnest panels provide uncommon strength with a smooth surface.

Finland Form®/Euro Form is bonded with a phenolic resin adhesive which is water and boil proof. The formaldehyde glue emissions are classified as E-1, the lowest available in the industry. Specify Finland Form®/Euro Form to assure high-performance results.

PROPER STUD APPLICATION—
The face grain should be perpendicular to stud supports.
Typical width: 4 & 5 feet.
Typical height: 8 to 12 feet.



Use these load tables as a general guide only. The data contained on this page is based on support spacings in inches clear span maximum. Deflection 1/270 or 1/16" (.0625) moisture content less than 19%. Note: This data reflects plywood used the strong way (the face grain is parallel to span).

1/4"

5-Ply

STRUCTURAL DATA: M.O.E. 2,030,000

S .0969 I 0.0124 f (bending) 3,600 lbs.

5 1/2"	6"	8"	10"	11"	12"	13"	14"
1380	1162	654	418	346	290	248	214

Maximum Loads at Indicated Spans: (PSF)

5 1/2"	6"	8"	10"	11"	12"	13"	14"
977	752	317	163	122	94	74	53

3/8"

7-Ply

STRUCTURAL DATA: M.O.E. 2,030,000

S .0969 I 0.0124 f (bending) 3,600 lbs.

6"	8"	10"	11"	12"	13"	14"	16"
2134	1200	768	636	534	456	392	300

Maximum Loads at Indicated Spans: (PSF)

6"	8"	10"	11"	12"	13"	14"	16"
1972	831	426	320	246	194	155	104

1/2"

9-Ply

STRUCTURAL DATA: M.O.E. 2,030,000

S .0969 I 0.0124 f (bending) 3,600 lbs.

6"	8"	10"	12"	14"	16"	18"	20"
3453	1942	1243	863	634	486	384	311

Maximum Loads at Indicated Spans: (PSF)

6"	8"	10"	12"	14"	16"	18"	20"
4247	1792	917	531	343	224	157	115

5/8"

12-Ply

STRUCTURAL DATA: M.O.E. 2,030,000

S .0969 I 0.0124 f (bending) 3,600 lbs.

8"	10"	12"	14"	16"	18"	20"	22"
3237	2072	1439	1057	809	639	518	429

Maximum Loads at Indicated Spans: (PSF)

8"	10"	12"	14"	16"	18"	20"	22"
3839	1966	1137	716	480	337	245	195

3/4"

14-Ply

STRUCTURAL DATA: M.O.E. 2,030,000

S .0969 I 0.0124 f (bending) 3,600 lbs.

8"	10"	12"	14"	16"	18"	20"	22"
4316	2762	1918	1409	1079	853	691	572

Maximum Loads at Indicated Spans: (PSF)

8"	10"	12"	14"	16"	18"	20"	22"
6168	3158	1828	1153	772	541	395	297

STANDARD SIZES

8' X 4'	10' X 4'	12' X 4'	10' X 5'
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STANDARD THICKNESSES

1/4"	3/8"	1/2"	5/8"	3/4"
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Other sizes and thicknesses are available on special order.

USAGE INSTRUCTIONS

▼ Lightly coat panels prior to first use and subsequent pours with a chemically active release agent or release barrier agent. This simplifies stripping and cleaning and provides a more uniform concrete finish.

▼ Limit the rate of pour to that assumed in the overall design. Use rubber tipped vibrators to avoid face damage.

▼ Strip with care. Use wood-en wedges. Never use metal bars or prys.

▼ Clean panels with water jets and stiff brushes. never use wire brushes or metal instruments.

▼ Use a polyurethane synthetic coating to reseal all exposed edges. (Carbide tipped saws are recommended for cutting)

▼ If nails or screws are used, holes should be counter-sunk and filled with polyester or epoxy resin waterproof sealer.

ALLOWABLE STRESS VALUES AND MODULAS OF ELASTICITY • PSI (All birch)

PROPERTY	DRY	CONCRETE FORMWORK
Extreme Fiber Stress in bending	3,600	3,250
Compression in Plane of Panel	2,500	2,100
Rolling Shear stress	100	95
Modulas Elasticity (free from shear)	2,200,00	1,850,000

SECTION PROPERTIES OF FINLAND FORM®/ EURO FORM

Section modulas values have been multiplied by a factor of 0.85.

STRESS PARALLEL TO FACE	DESCRIPTION		NO. OF PILES	AREA FOR DIRECT STRESS In ² /Ft	MOVEMENT OF INERTIA I In ⁴ /Ft	SECTION MODULAS KS In ³ /Ft	ROLLING SHEAR CONSTANT IB/Q In ² /Ft
STRESS PARALLEL TO FACE	Finland Form	1/4" All-Birch	5	1.6540	0.0130	0.0870	2.6050
	Finland Form	3/8" All-Birch	7	2.2240	0.0340	0.1570	3.2390
	Finland Form	1/2" All-Birch	9	2.7935	0.0693	0.2454	4.3311
	Finland Form	5/8" All-Birch	12	3.3631	0.1576	0.4148	5.5493
	Finland Form	3/4" All-Birch	14	4.5022	0.2449	0.5507	6.6723
	Finland Form	1" All-Birch	18	5.6413	0.5062	0.8813	8.3988

STRESS PERPENDICULAR TO FACE	DESCRIPTION		NO. OF PILES	AREA FOR DIRECT STRESS In ² /Ft	MOVEMENT OF INERTIA I In ⁴ /Ft	SECTION MODULAS KS In ³ /Ft	ROLLING SHEAR CONSTANT IB/Q In ² /Ft
STRESS PERPENDICULAR TO FACE	Finland Form	1/4" All-Birch	5	1.1390	0.0040	0.0470	1.4590
	Finland Form	3/8" All-Birch	7	1.7090	0.0160	0.0160	2.7160
	Finland Form	1/2" All-Birch	9	2.2782	0.0387	0.1869	3.3744
	Finland Form	5/8" All-Birch	12	3.4173	0.1021	0.3477	5.0825
	Finland Form	3/4" All-Birch	14	3.4173	0.1696	0.4826	5.6742
	Finland Form	1" All-Birch	18	4.5564	0.3807	0.8156	7.4506

NOTE: Section properties are for a panel width = 12.00 inch.

Shoring Plywood

Finland Form®/ Euro Form is compliant with OSHA regulations concerning plywood in trench shoring. Regulations state that plywood needs to be a true 3/4" (.750) 14-Ply Artic White Birch construction and Finland Form®/ Euro Form comply with this specification. Note that this plywood is not intended as a structural member, but only for prevention of local raveling between shores.



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