

# Birch Plywood

## Better plywood, better performance... better forming!

The best concrete appearance comes from using the best form face. That's why we've chosen birch plywood as the standard SureBuilt form face.

Using 100% birch plywood provides exceptional performance and appearance, including:

- The birch wood has a tight grain structure, exhibiting greater strength than fir plywood, while resisting moisture absorption.
- The multi-ply manufacturing process provides strength and uniform flatness by using long and short grain directional veneers.
- The top two layers of each face are inspected, patched and smoothed, eliminating surface degradation from underlying veneer collapse.
- The 220/220 phenolic overlay, both front and back, prevents moisture absorption, eliminates grain transfer, and extends useful life.
- The exposed plywood edges of cut-to-size pieces are spray sealed after sawing to minimize water penetration and absorption.

Of course, all forming systems and job-built gangs should be treated with form release before concrete placement to maximize form life and reduce cleaning.



*Long-lasting 1/2" birch plywood is the standard form face for SurePly panels and fillers.*



*Long-lasting 3/4" birch plywood is the standard form face for Quick-Form panels.*

*Engineering data listed on following page.*

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**Allowable concrete pressures (psf) for birch plywood with face grain perpendicular to supports.**

Panel support: Face grain perpendicular to supports and continuous across three or more 1-1/2" supports.

Service conditions: Wet service conditions (moisture content exceeds 19%).

Duration of load: Seven days.

Limiting deflection: Deflection includes bending and shear deformations.

Standard sizes: 3/8" (9mm), 1/2" (12.5mm), 5/8" (15.9mm), 3/4" (19mm), 7/8" (21mm) and 1" (24mm)

<b>Deflection Limited to 1/270 of Span (psf)</b>						
<b>C-C Span</b>	<b>Nominal thickness</b>					
	<b>3/8"</b>	<b>1/2"</b>	<b>5/8"</b>	<b>3/4"</b>	<b>7/8"</b>	<b>1"</b>
8"	859	1,746	2,230	2,678	2,972	3,401
12"	234	553	995	1,511	1,842	2,150
16"	--	229	429	678	872	1,197
19.2"	--	130	248	399	520	728
24"	--	--	126	206	271	386

<b>Deflection Limited to 1/360 of Span (psf)</b>						
<b>C-C Span</b>	<b>Nominal thickness</b>					
	<b>3/8"</b>	<b>1/2"</b>	<b>5/8"</b>	<b>3/4"</b>	<b>7/8"</b>	<b>1"</b>
8"	644	1,382	2,230	2,678	2,972	3,401
12"	176	414	746	1,133	1,421	1,884
16"	--	171	322	508	654	898
19.2"	--	--	186	300	390	546
24"	--	--	--	155	204	290