

## Concrete Form SPECIFICATION SHEET

PRODUCT NAME	HDO FORM 120/30	HDO FORM 100/30	MDO FORM 454	BB PREMIUM PLYFORM
Product Description	HDO Form 120 combines (2) high density laminates with (1) medium density laminate to provide the best forming surface available.	HDO Form 100 combines (1) High density laminate with (1) medium density laminate for excellent cost to pour ratios.	MDO Form is the workhorse of Swanson's concreteform family, producing consistent, smooth surfaces.	A natural wood surface with 'B' wood repaired faces. Fits the bill where non-overlayid surface is desired.
Common Applications	Ideal for exposed architectural surfaces, such as high-rise buildings.	Perfect for sports arenas or public areas where a quality surface is specified.	Forming for parking structures, table forms and gang forms.	Excellent for retaining walls, highway structures, and foundations.
Concrete Finish	Architectural	Superior	Excellent	Industrial
Pour Range	50 to 200	30 to 50	Up to 20	Up to 10
Face Veneer	"B" Grade Douglas-fir	"B" Grade Douglas-fir	"B" Grade Douglas-fir	"B" Grade Douglas-fir
Back Veneer	"C" Grade Douglas-fir	"C" Grade Douglas-fir	"C" Grade Douglas-fir	"B" Grade Douglas-fir
Inner Plies	"C" Grade Douglas-fir	"C" Grade Douglas-fir	"C" Grade Douglas-fir	"C" Grade Douglas-fir
Edge Seal	Nox-Crete Edge Flex 235	Nox-Crete Edge Flex 235	Nox-Crete Edge Flex 235	Nox-Crete Edge Flex 235
Release Agent	Job Site Application	Job Site Application	Nox-Crete Form Coating 250	Nox-Crete Form Coating 250
Available	4' x 8', 2' width 1-sided & 2-sided	4' x 8', 2' width, 1-sided & 2-sided	4' x 8', 2' width, 1-sided & 2-sided	4' x 8' through 4' x 10', and 2' width,

### RECOMMENDED MAXIMUM PRESSURES ON STRUCTURAL I PLYFORM (psf)

FACE GRAIN ACROSS SUPPORTS <sup>(b)</sup>								
Plywood Thickness (in.)	Plywood Thickness (in.)							
	1/2		5/8		3/4		1-1/8	
4	3925	3925	4305	4305	5070	5070	7240	7240
8	980	980	1310	1310	1680	1680	2785	2785
12	410	435	580	580	745	745	1540	1540
16	175	235	270	330	375	420	835	865
20	100	135	160	215	230	290	545	600
24	-	-	-	110	120	160	310	385
32	-	-	-	-	-	-	145	190

### RECOMMENDED MAXIMUM PRESSURES ON STRUCTURAL I PLYFORM (psf)

FACE GRAIN PARALLEL SUPPORTS <sup>(b)</sup>								
Plywood Thickness (in.)	Plywood Thickness (in.)							
	1/2		5/8		3/4		1-1/8	
4	2230	2230	2515	2515	3315	3315	6860	6860
8	605	645	800	865	1275	1275	2640	2640
12	175	230	250	330	545	675	1635	1635
16	-	-	105	140	240	315	850	995
20	-	-	-	100	170	210	555	555
24	-	-	-	-	-	115	340	355

(a) Deflection limited to 1/360th of the span, 1/270th where shaded.

(b) Plywood continuous across two or more spans.