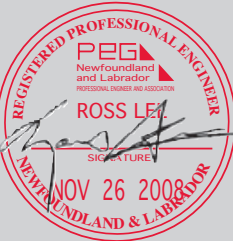
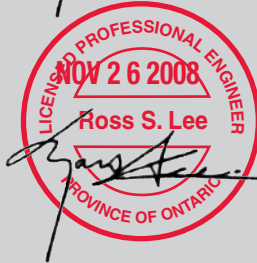
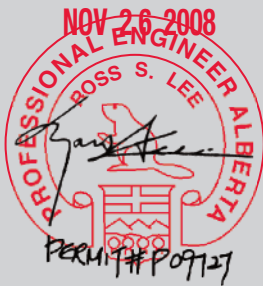


SBP – SUPPLEMENTAL BEARING PLATE



Wood Species	F _c (psi)	No. of Truss Plys	Factored Resistance (Lbs) ^{1,2,3,4,5}			Factored Resistance (kN)		
			SBP's Alone		SBP + Truss Bearing	SBP's Alone		SBP + Truss Bearing
			100%	100%	EBL	100%	100%	EBL
SBP4 on 2 x 4 Top Plate (3-1/2 wide)								
DF-L	1015	1	5035	9300	7.63	22.40	41.37	193.88
		2	5035	13565	5.57	22.40	60.33	141.39
		3	5035	17825	4.88	22.40	79.30	123.89
		4	5035	22090	4.53	22.40	98.27	115.14
S-P-F	769	1	3575	6805	7.38	15.90	30.26	187.34
		2	3575	10030	5.44	15.90	44.63	138.12
		3	3575	13260	4.79	15.90	58.99	121.71
		4	3575	16490	4.47	15.90	73.35	113.51
Hem Fir	667	1	3930	6730	8.41	17.48	29.95	213.59
		2	3930	9535	5.95	17.48	42.41	151.24
		3	3930	12335	5.14	17.48	54.88	130.46
		4	3930	15140	4.73	17.48	67.34	120.07
SBP6 on 2 x 6 Top Plate (5-1/2 wide)								
DF-L	1015	1	7315	14015	11.50	32.54	62.35	292.21
		2	7315	20715	8.50	32.54	92.15	215.96
		3	7315	27415	7.50	32.54	121.96	190.54
		4	7315	34115	7.00	32.54	151.77	177.83
S-P-F	769	1	5195	10270	11.13	23.11	45.68	282.75
		2	5195	15340	8.31	23.11	68.24	211.23
		3	5195	20415	7.38	23.11	90.81	187.38
		4	5195	25490	6.91	23.11	113.38	175.46
Hem Fir	667	1	5705	10110	12.63	25.38	44.97	320.70
		2	5705	14510	9.06	25.38	64.55	230.20
		3	5705	18915	7.88	25.38	84.14	200.03
		4	5705	23320	7.28	25.38	103.73	184.95

- 1) The factored resistance is derived as directed in Canadian Standard CAN/CSA-086-01.
- 2) Allowable loads are for a pair of SBP devices. SBP's shall be installed in pairs.
- 3) Multiple ply trusses shall be fastened together to act as a single unit.
- 4) EBL denotes effective bearing length and includes the actual bearing length plus the contribution of the SBP device.
- 5) Assumes full seating of truss on top plate.

USP Stock No.	Ref. No.	Steel Gauge	Dimensions				Joist Thickness	Fastener Schedule ^{3,5,6}				Factored Resistance (115%) ^{1,4}							
			W	H	L	D		Plate		Truss		DF-L		S-P-F					
								Qty	Type	Qty	Type	F1	F2	Uplift ²	F1	F2	Uplift ²		
SBP4	TBE4	16	3-1/2	3-1/4	2	1	2-7/8 or less 3 or more	4	10d	8	10d	20 20	10dx1-1/2 10d	2880	3065	2435	2045	2175	1730
SBP6	TBE6	16	5-1/2	3-1/4	2	1	2-7/8 or less 3 or more	4	10d	8	10d	28 28	10dx1-1/2 10d	2880	3065	2435	2045	2175	1730

- 1) The factored resistance is derived as directed in Canadian Standard CAN/CSA-086-01.
- 2) The 115% values are short-term loads such as wind and earthquake. For standard term loads divide the values by 1.15.
- 3) Fastener Schedule is for a pair of SBP devices.
- 4) Factored resistances are for a pair of SBP devices. SBP's shall be installed in pairs.
- 5) Multiple ply trusses shall be fastened together to act as a single unit.
- 6) 10d x 1-1/2 nails are 9 gauge (0.148 diameter) x 1-1/2 long.

Use in conjunction with USP's current Canadian Product Catalogue for detailed hanger information.



www.USPconnectors.com

A GIBRALTAR INDUSTRIES COMPANY

Information valid until August 31, 2010.

USP2115-091

APPROVED BY