

OUR SERVICES

- ✓ Custom Homes
- ✓ Apartment Buildings
- ✓ Condo Buildings
- ✓ Townhouse/Walk ups
- ✓ Modular Structures
- ✓ Pre-Fab Structures
- ✓ Heritage Buildings



STRUCTURELOCK®

SEISMICALLY UPGRADE YOUR HOME.
HELP ELIMINATE NOISY, SQUEAKING FLOORS.

ELIMINATE DEFLECTION IN FLOORS.
INCREASE THE LOAD IN A FLOOR OF A WOOD FRAME

CONTACT

structurelock.com

1.855.955.3130

Sales@structurelock.com

3 EASY STEPS

- ◆ SELECT PROD-
- ◆ CHOOSE PRODUCT
- ◆ SUBMIT ORDER

Discover why home owners, builders, engineers, and architects are making Structure Lock their choice for structural and seismic bracing.

- ✓ Seismically upgrade their home. (Tested and proven by structural engineers at UBC.)
- ✓ Help eliminate noisy, squeaking floors.
- ✓ Eliminate deflection in floors.
- ✓ Increase the load in a floor of a wood frame structure when renovating heavier appliances, concrete floors, heated floors or tiling.
- ✓ The product has been SPEC'd by engineering firms and installed in over 200 buildings.

Tested at the UBC Earthquake Engineering Research Facility and proven to strengthen homes up to 35%

Structure Lock supplies steel braces that are stronger, safer and seismically superior to wood cross bridging or blocking. We build our products using 18 gauge galvanized steel designed to interlock dimensional joists and engineered I-joists of all sizes and spacing. All Structure Lock products are the highest quality available to meet and exceed mandatory framing requirements under local building codes.

Bracing Reinvented Structure Lock products are stronger, safer, and seismically superior to wood bracing or blocking.

TESTIMONIALS

Hi Patrick, Last night I installed the product that you sent to me. Simply amazing; the braces took nearly all the bounce out of the floors!

Carl Rowan

"As a structural engineer, Structure Locks X bracing is the best solution that I have seen to increase the seismic safety of wood frame structures and help with increase load to our builds"

Carl Redoblado, P.Eng.
Principal, Structural Engineer
JCJ DESIGN ENGINEERING LTD.



X-BRACE SIZES AVAILABLE FOR DIMENSIONAL LUMBER

JOIST SIZE (INCHES)	JOIST SPACING ON CENTER (INCHES)	SUGGESTED RETAIL PRICE (CAD)	CONTRACTOR PRICE QUANTITY 0		
			0 - 500	501-2500	2501 +
2X6	12"	15.19	11.25	10.75	10.25
	16"	17.48	12.95	12.25	11.75
	19.2"	20.18	14.95	14.25	13.50
	24"	22.88	16.95	16.25	15.25
	Custom	Call for pricing			
2X8	12"	15.53	11.50	10.95	10.50
	16"	17.89	13.25	12.75	11.95
	19.2"	20.59	15.25	14.50	13.75
	24"	24.23	17.95	17.25	16.25
	Custom	Call for pricing			
2x10	12"	15.86	11.75	11.25	10.75
	16"	18.23	13.50	12.95	12.25
	19.2"	20.93	15.50	14.75	13.95
	24"	24.64	18.25	17.50	16.50
	Custom	Call for pricing			
2x12	12"	16.13	11.95	11.35	10.75
	16"	18.83	13.95	13.25	12.50
	19.2"	21.53	15.95	15.25	14.50
	24"	26.93	19.95	18.95	17.95
	Custom	Call for pricing			

X-BRACE SIZES AVAILABLE FOR ENGINEERED JOISTS

JOIST SIZE (INCHES)	JOIST SPACING ON CENTER (INCHES)	FLANGE WIDTHS (INCHES)	FLANGE DEPTHS (INCHES)	SUGGESTED RETAIL PRICE (CAD)	CONTRACTOR PRICE QUANTITY 0		
					0 - 500	501-2500	2501 +
9 1/2"	12"	1 1/2" - 3 1/2"	2 1/2"	15.86	11.75	11.25	10.75
	16"	1 1/2" - 3 1/2"	2 1/2"	18.23	13.50	12.95	11.75
	19.2"	1 1/2" - 3 1/2"	2 1/2"	20.93	15.50	14.75	13.50
	24"	1 1/2" - 3 1/2"	2 1/2"	24.64	18.25	17.50	15.25
	Custom	1 1/2" - 3 1/2"	2 1/2"	Call for pricing			
11 7/8"	12"	1 1/2" - 4"	2 1/2"	16.13	11.95	11.50	10.75
	16"	1 1/2" - 4"	2 1/2"	18.83	13.95	13.25	12.75
	19.2"	1 1/2" - 4"	2 1/2"	21.53	15.95	15.25	14.50
	24"	1 1/2" - 4"	2 1/2"	26.93	19.95	18.95	17.95
	Custom	1 1/2" - 4"	2 1/2"	Call for pricing			
14"	12"	1 1/2" - 4 1/2"	2 1/2"	18.83	13.95	13.25	12.75
	16"	1 1/2" - 4 1/2"	2 1/2"	21.53	15.95	15.25	14.50
	19.2"	1 1/2" - 4 1/2"	2 1/2"	24.23	17.95	17.25	16.25
	24"	1 1/2" - 4 1/2"	2 1/2"	29.63	21.95	20.95	19.75
	Custom	1 1/2" - 4 1/2"	2 1/2"	Call for pricing			
16"	12"	1 1/2" - 4 1/2"	2 1/2"	21.53	15.95	15.25	14.50
	16"	1 1/2" - 4 1/2"	2 1/2"	24.23	17.95	17.25	16.25
	19.2"	1 1/2" - 4 1/2"	2 1/2"	26.93	19.95	18.95	17.95
	24"	1 1/2" - 4 1/2"	2 1/2"	32.33	23.95	22.75	21.75
	Custom	1 1/2" - 4 1/2"	2 1/2"	Call for pricing			

RETROFIT SIZES AVAILABLE FOR DIMENSIONAL LUMBER

JOIST SIZE (INCHES)	JOIST SPACING ON CENTER (INCHES)	SUGGESTED RETAIL PRICE (CAD)	CONTRACTOR PRICE QUANTITY 0		
			0 – 500	501-2500	2501 +
2X6	12"	15.19	11.25	10.75	10.25
	16"	17.48	12.95	12.25	11.75
	19.2"	20.18	14.95	14.25	13.50
	24"	22.88	16.95	16.25	15.25
	Custom	Call for pricing			
2X8	12"	15.53	11.50	10.95	10.50
	16"	17.89	13.25	12.75	11.95
	19.2"	20.59	15.25	14.50	13.75
	24"	24.23	17.95	17.25	16.25
	Custom	Call for pricing			
2x10	12"	15.86	11.75	11.25	10.75
	16"	18.23	13.50	12.95	12.25
	19.2"	20.93	15.50	14.75	13.95
	24"	24.64	18.25	17.50	16.50
	Custom	Call for pricing			
2x12	12"	16.13	11.95	11.35	10.75
	16"	18.83	13.95	13.25	12.50
	19.2"	21.53	15.95	15.25	14.50
	24"	26.93	19.95	18.95	17.95
	Custom	Call for pricing			

RETROFIT SIZES AVAILABLE FOR ENGINEERED JOISTS

JOIST SIZE (INCHES)	JOIST SPACING ON CENTER (INCHES)	FLANGE WIDTHS (INCHES)	FLANGE DEPTHS (INCHES)	SUGGESTED RETAIL PRICE (CAD)	CONTRACTOR PRICE QUANTITY 0		
					0 – 500	501-2500	2501 +
9 1/2"	12"	1 1/2" - 3 1/2"	2 1/2"	15.86	11.75	11.25	10.75
	16"	1 1/2" - 3 1/2"	2 1/2"	18.23	13.50	12.95	12.25
	19.2"	1 1/2" - 3 1/2"	2 1/2"	20.93	15.50	14.75	13.95
	24"	1 1/2" - 3 1/2"	2 1/2"	24.64	18.25	17.50	16.50
	Custom	1 1/2" - 3 1/2"	2 1/2"	Call for pricing			
11 7/8"	12"	1 1/2" - 4"	2 1/2"	16.13	11.95	11.50	10.75
	16"	1 1/2" - 4"	2 1/2"	18.83	13.95	13.25	12.75
	19.2"	1 1/2" - 4"	2 1/2"	21.53	15.95	15.25	14.50
	24"	1 1/2" - 4"	2 1/2"	26.93	19.95	18.95	17.95
	Custom	1 1/2" - 4"	2 1/2"	Call for pricing			
14"	12"	1 1/2" - 4 1/2"	2 1/2"	18.83	13.95	13.25	12.75
	16"	1 1/2" - 4 1/2"	2 1/2"	21.53	15.95	15.25	14.50
	19.2"	1 1/2" - 4 1/2"	2 1/2"	24.23	17.95	17.25	16.25
	24"	1 1/2" - 4 1/2"	2 1/2"	29.63	21.95	20.95	19.75
	Custom	1 1/2" - 4 1/2"	2 1/2"	Call for pricing			
16"	12"	1 1/2" - 4 1/2"	2 1/2"	21.53	15.95	15.25	14.50
	16"	1 1/2" - 4 1/2"	2 1/2"	24.23	17.95	17.25	16.25
	19.2"	1 1/2" - 4 1/2"	2 1/2"	26.93	19.95	18.95	17.95
	24"	1 1/2" - 4 1/2"	2 1/2"	32.33	23.95	22.75	21.75
	Custom	1 1/2" - 4 1/2"	2 1/2"	Call for pricing			

**PASS THRU BRACE (PT) SIZES AVAILABLE FOR
DIMENSIONAL LUMBER AND ENGINEERED JOISTS**

TYPE	JOIST SPACING ON CENTER (INCHES)	FLANGE WIDTHS (INCHES)	FLANGE DEPTHS (INCHES)	SUGGESTED RETAIL PRICE (CAD)	CONTRACTOR PRICE QUANTITY 0		
					0 – 500	501-2500	2501 +
PT HORIZONTAL BRACE	12"	1 1/2" - 3 1/2"	2 1/2"	15.86	11.75	11.25	10.75
	16"	1 1/2" - 3 1/2"	2 1/2"	18.23	13.50	12.95	12.25
	19.2"	1 1/2" - 3 1/2"	2 1/2"	20.93	15.50	14.75	13.95
	24"	1 1/2" - 3 1/2"	2 1/2"	24.64	18.25	17.50	16.50
	Custom	1 1/2" - 3 1/2"	2 1/2"	Call for pricing			
PT VERTICAL BRACE	12"	1 1/2" - 4"	2 1/2"	15.86	11.75	11.25	10.75
	16"	1 1/2" - 4"	2 1/2"	18.23	13.50	12.95	12.25
	19.2"	1 1/2" - 4"	2 1/2"	20.93	15.50	14.75	13.95
	24"	1 1/2" - 4"	2 1/2"	24.64	18.25	17.50	16.50
	Custom	1 1/2" - 4"	2 1/2"	Call for pricing			
PT MAXIUM BRACE	12"	1 1/2" - 4 1/2"	2 1/2"	15.86	11.75	11.25	10.75
	16"	1 1/2" - 4 1/2"	2 1/2"	18.23	13.50	12.95	12.25
	19.2"	1 1/2" - 4 1/2"	2 1/2"	20.93	15.50	14.75	13.95
	24"	1 1/2" - 4 1/2"	2 1/2"	24.64	18.25	17.50	16.50
	Custom	1 1/2" - 4 1/2"	2 1/2"	Call for pricing			