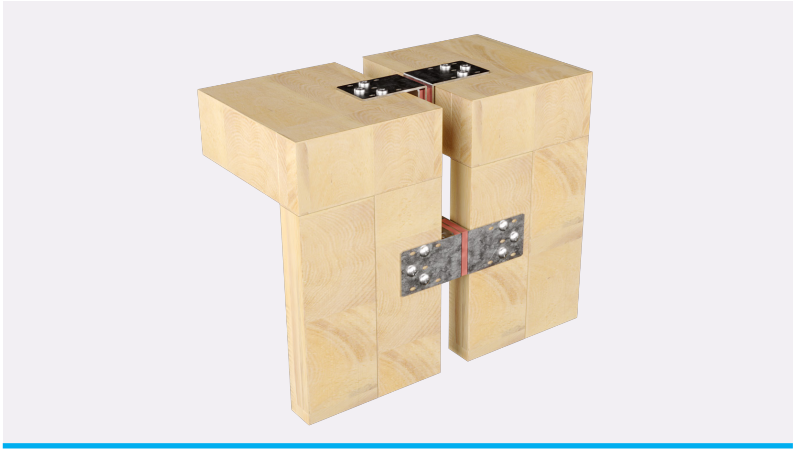


straviwood
by CDM Stravitec

Straviwood ModuLink

Datasheet

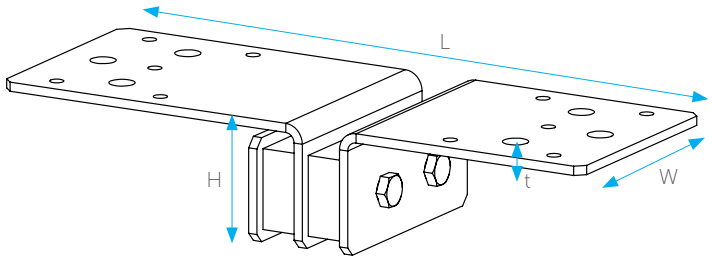
Straviwood ModuLink is a bracket for structural joints with acoustic isolation features thanks to the resilient pads in the bracket, giving significant reduction in flanking sound transmission, making it ideal to connect contiguous modular CLT constructions.

CHARACTERISTICS

- Ideal for horizontal connection of CLT modules
- Suited for all wood-based materials
- Pre-compressed in factory
- No additional tooling required for correct installation
- Galvanized steel
- Standard dimensions: 11'' (280 mm) x 4'' (100 mm) x 2-1/8'' (54 mm) [0.18 kips (0.8 kN) & 0.54 kips (2.4 kN)] / 11'' (280 mm) x 4'' (100 mm) x 2-13/64'' (56 mm) [1.35 kips (6kN)]
- Applicable for moisture content in service class 1 and 2 (EN 1995-1-1:2004+A1:2008)

DIMENSIONS

Type	Length [inch (mm)]	Width [inch (mm)]	Height [inch (mm)]	Fastening Holes		t [inch (mm)]
				Flange A	Flange B	
0.18 kips (0.8 kN)	11 (280)	4 (100)	2-1/8 (54)	3Ø7/16'' / 5Ø1/4'' (3Ø10 / 5Ø6)	3 Ø7/16'' / 5Ø1/4'' (3Ø11 / 5Ø6)	3/16 (4)
0.54 kips (2.4 kN)	11 (280)	4 (100)	2-1/8 (54)	3Ø7/16'' / 5Ø1/4'' (3Ø10 / 5Ø6)	3Ø7/16'' / 5Ø1/4'' (3Ø11 / 5Ø6)	3/16 (4)
1.35 kips (6 kN)	11 (280)	4 (100)	2-3/16 (56)	3Ø7/16'' / 5Ø1/4'' (3Ø10 / 5Ø6)	3Ø7/16'' / 5Ø1/4'' (3Ø11 / 5Ø6)	1/4 (6)

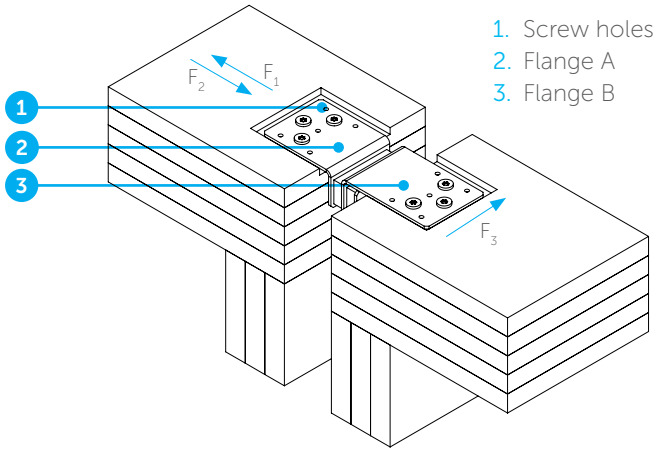


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MECHANICAL PROPERTIES

- Characteristic strengths and stiffnesses per connection per direction obtained from mechanical testing.
- Valid for one bracket timber to timber.
- Applicable for moisture content in service class 1 & 2 (EN 1995-1-1:2004+A1:2008).
- Referential values valid when using 3 HECO-TOPIX-plus 3/8''x4'' (10x100 mm), flange head screws (ETA-19/0553) per flange, and CLT C24 of 4-3/4'' (120 mm) thickness with 3 layers of 1-9/16'' (40 mm).
- Extension of these values to other fasteners or other CLT types should be assessed according to the existing regulations by the structural engineer of the specific project.
- The amount of brackets per linear meter needs to be calculated on a project basis by the structural engineer.



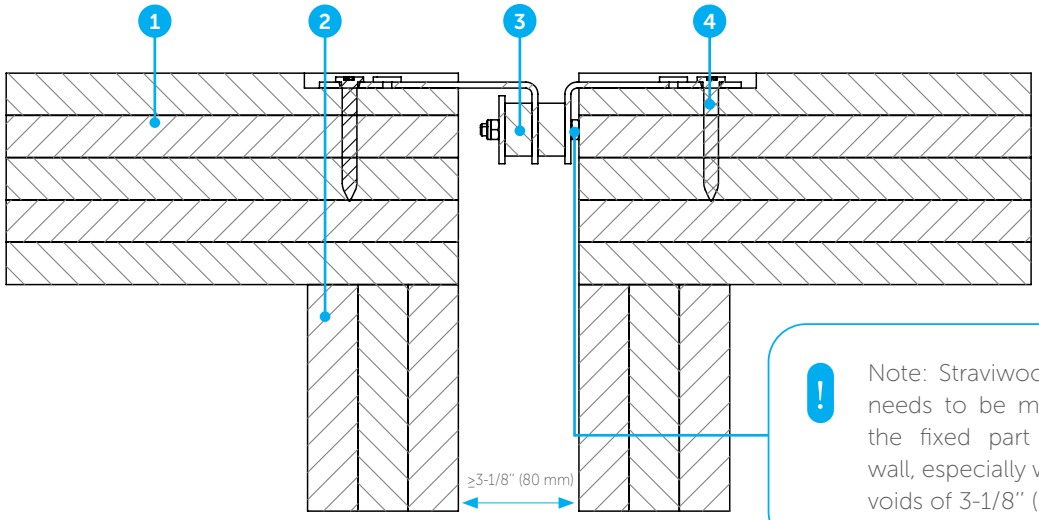
1. Screw holes [3Ø7/16'' + 5Ø1/4'' (3Ø10mm + 5Ø6mm)]
2. Flange A
3. Flange B

	R_1/2,d [kips (N)]	R_1,k [kips (N)]	K_ser,1 [kips/in (N/mm)]	R_2,k [kips (N)]	K_ser,2 [kips/in (N/mm)]	R_3,k [kips (N)]	K_ser,3 [kips/in (N/mm)]
0.18 kips (0.8 kN)	0.18 (800)	0.85 (3762)	1.61 (282)	1.59 (7075)	2.16 (378)	0.41 (1814)	0.87 (153)
0.54 kips (2.4 kN)	0.54 (2400)	>0.85 (3762)*	>1.61 (282)*	>1.59 (7075)*	>2.16 (378)*	>0.41 (1814)*	>0.87 (153)*
1.35 kips (6 kN)	1.35 (6000)	>2.12 (9430)	>1.61 (282)*	2.84 (12633)	>2.16 (378)*	>0.41 (1814)*	>0.87 (153)*

* values to be confirmed by testing.

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TYPICAL ASSEMBLIES



Note: Straviwood ModuLink needs to be mounted with the fixed part against the wall, especially when used in voids of 3-1/8" (80 mm).

1. Structural CLT floor
2. CLT wall
3. Straviwood ModuLink
4. Screws

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