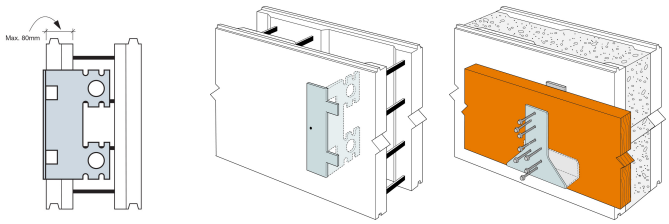
Technical Sheet

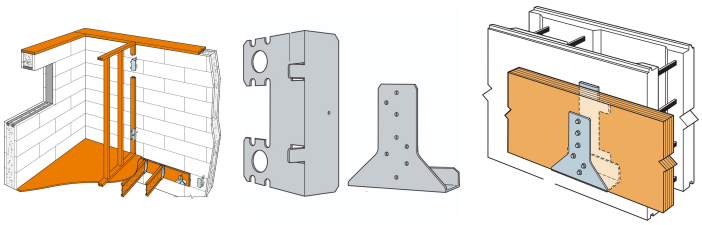
ICF

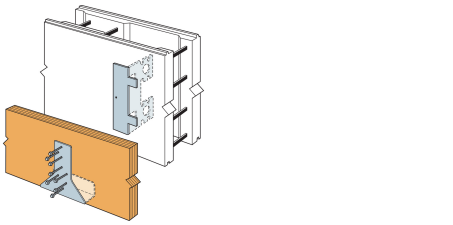
Insulated Concrete Form Hanger

The ICFLC and ICFVL-CW ledger connector system is engineered to solve the challenges of mounting steel or wood ledgers on insulated concrete walls.
The ledger connector system is easy, quick and versatile to use.
The perforations in the embedded leg of the ICFCL permit the concrete to flow around it, anchoring the ICFLC securely within the wall. The exposed flange provides a structural surface for mounting either a wood or a steel ledger.









Applications

Notes

- Spacings shown apply to vertical loads only
- No load duration increase is allowed
- Minimum concrete grade C20/25
- Do not splice ledger at ICFLC location

WARNING: Industry studies show that hardened fasteners can experience performance problems in wet environments. Accordingly, use this product in dry, interior applications only.

ICF
Insulated Concrete Form Hanger

Technical Data

Product Dimensions

Reference	Connector Dimensions					
	Product Dimensions[mm]				Joist holes	Other
	A[mm]	B[mm]	C[mm]	t[mm]	Round Ø6.3	Weight[kg]
ICFLC	57	264	151	2	-	0.61
ICFVL-CW	178	184	46	1.6	8	0.46

Performance Values - Timber Ledger

Reference	Hanger capacity		Connector Dimensions	
	Fasteners	Safe Working Loads[kN]	Other	
		Download	Ledger Thickness[mm]	Maximum Connector Spacings[mm]
Timber	8 x ICF - D3.25[1]	8.5	45	1200

1. Screws Provided
2. Minimum steel ledger specification is A-653 SS Grade 50

Performance Values - Steel Ledger

Reference	Hanger capacity		Connector Dimensions	
	Fasteners	Safe Working Loads[kN]	Other	
		Download	Ledger Thickness[mm]	Maximum Connector Spacings[mm]
Steel	4 x #14 x 3/4" [2][3]	7.3	1.6	350

2. 1/4 x 3/4" drill point screws not provided.
3. Minimum screw shear capacity is 3.3kN.
4. Minimum timber ledger is C16. Steel ledger specification A653SS Grade 50.
5. Maximum ICF Foam thickness is 80mm

Winchester Road Cardinal Point Tamworth
Staffordshire B78 3HG
tel: +44 1827 255600
fax: +44 1827 255616
Copyright by Simpson Strong-Tie®
Information presented on this document is the exclusive property of Simpson Strong-Tie®