

# 3.25" ISO Clip

ISO Clip significantly reduces thermal bridging within external rain screen assemblies improving insulation effective-R values while providing flexibility for facade design. It is a key building component that helps to achieve thermally efficient building envelopes without compromising on design intent of the project, essential for energy conservation and our shared sustainable future.

# **Technical Information:**

The ISO Clip creates a thermal break separating the interior of the building from the exterior. Its unique design features reduce thermal transfer through the building envelope. The clip accommodates a variety of insulation thickness or wall depths, eliminating the need for shims and can accommodate insulation from 4" - 6". It is engineered to perform on all substrates including concrete, concrete block, steel studs or wood.

# **Material Composition:**

14ga ASTM A792 [Galvalume]<sup>™</sup> or ASTM 653 [Galvanized] steel clip with an integral glass fibre reinforced polyamide thermal isolator pad. Also available fully encapsulated in a special coating for use in Salmon-Safe specified projects.



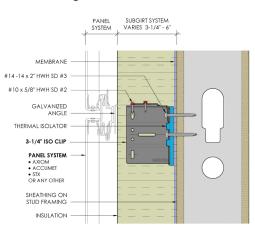
"ISO Clip helps protect downstream water quality and is consistent for use in Salmon-Safe projects."

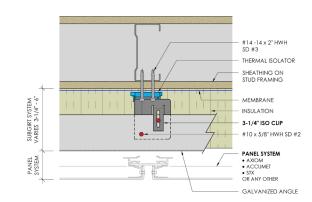
– Dan Kent, Salmon-Safe

# **Next Generation Performance:**

ISO Clip is suitable for either vertical or horizontal sub-girts. Its versatility, thermal performance, and ease of use make ISO Clip the product to specify for high-performance building envelopes. The thermal performance of the clip has been modeled and evaluated by the industry leaders, Morrison Hershfield.

### Horizontal Subgirt













ISOCLIPS.COM 1-844-740-2050 info@isoclips.com

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# FASTENER RECOMMENDATIONS:

Girt Fastener: 10-16 x 5/8" Ind. Hex Washer Head (5/16AF)

Steel Stud Assembly: 14-14 x 2" Ind. Hex Washer Head (5/16AF)

Wood Stud Fasteners: #14 HWH cladding (metal to wood) fastener

Concrete Wall: 2-1/4" long #14 Tapcons

# Declare.

Northern Facades Limited

Final Assembly: Mississauga, Ontario, Canada Life Expectancy: LIFE OF STRUCTURE Year(s) End of Life Options: Salvageable/Reusable in its Entirety, Recyclable (100%)

Ingredients:

Galvanized Commercial Steel (ASTM A653 CS Type B G90): Iron: Zinc; Manganese; Copper, Nickel (Metallic); Graphite; Chromium, metallic; Molybdenum; Sulfur, Elemental; Phosphorus; Titanium; PA66-GF35; Polyfurnino(1.6-dioxo-1.6hexanediy)/limid-1.6-hexanediy[]; Glass; oxide, chemicals; Undisclosed (0.5-0.913%)<sup>1</sup>

<sup>1</sup>LBC Temp Exception RL-004b - Proprietary Ingredients in Declare

Living Building Challenge Criteria: Compliant

 I-13 Red List:
 □ LGC Red List Free
 % Disclosed: 99.09% at 100ppm

 □ LGC Red List Approved
 VOC Content: Not Applicable

 □ Declared
 VOC Content: Not Applicable

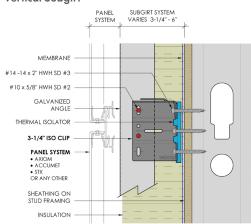
 I-10 Interior Performance: Not Applicable

 I-14 Responsible Sourcing: Not Applicable

1-14 Responsible Sourcing: Not Applicable

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# Vertical Subgirt



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# Efficient:

- Improved building energy efficiency through a reduction in thermal bridging utilizing an optimized thermal pad design
- High load capacity, less ISO Clips may be required compared to synthetic or aluminum clips which means less to install and less thermal bridging
- ISO Clips may assist towards achieving multiple LEED V4 credits as a component part of the wall assembly
- ASHRAE 90.1, NECB, SB-10 compliant, with thermal analysis available
- ISO Clip has successfully passed the NFPA 285 Standard Test Method for Evaluation of Fire Propagation Characteristics of Exterior Wall Assemblies Containing Minor Combustible Components and the CAN / ULC \$134-13 Standard Test Method for Fire Test of Exterior Wall Assemblies

# Performance:

- Adjustment up to + / 1/2" wall deviation, no shims required
- Built in "helping hand" for ease and speed of installation
- Always installed in the same direction regardless of horizontal or vertical girt orientation.
- 3.25" ISO Clip is suitable for 4" to 6" of insulation

# Availability & Pricing:

- Cost Effective
- North American Made
- Readily Available Stock from a growing network of distributors

Specifying ISO Clip is simple using these leading platforms or visit www.isoclips.com

