THERMAL BREAK CLIP

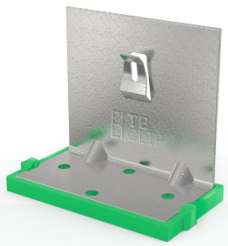
4", 5" & 6"
TB CLIP

As an essential building component, the THERMAL BREAK CLIP allows for the development of thermally efficient building envelopes while maintaining the flexibility of its architectural design.

Within a building envelope and its external rainscreen, the THERMAL BREAK CLIP improves insulative R-values by substantially reducing thermal bridging between the building and its facade.

Technical Information

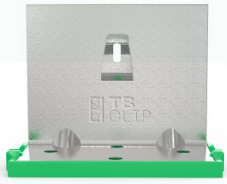
The THERMAL BREAK CLIP can be used for insulation 3"- 6" and will accommodated a variety of wall depths. It can also perform on substrates like wood, steel stud assembly, concrete (poured in place), and concrete block (CMU).



You can adjust the THERMAL BREAK CLIP +/- 1-2". No shims required.

Material Composition

The THERMAL BREAK CLIP is made from a 14 gauge ASTM A653 galvanized steel clip with an optimized thermal pad made from a plastic composite that offers a low thermal coefficient.



Sustainability

Manufacturing
The THERMAL BREAK CLIP is designed and manufactured in Canada using equitable, fair labour practices and lean manufacturing.

Logistics and Packaging
Packaged in a reusable and 100 percent recyclable two-ply box designed for optimal transportation efficiencies and reduced jobsite waste.

Design
The robust yet uncomplicated design of the THERMAL BREAK CLIP means installers do not need to cut insulation to fit around the clip thereby reducing product and labour costs, and accelerating installation speed.

Efficiency
The THERMAL BREAK CLIP improves a building's energy efficiency through a reduction in thermal bridging from the exterior to the interior. As a component part of the wall assembly, the THERMAL BREAK CLIP can assist a project in achieving LEED V4 credits.

14440-123 Avenue NW, Edmonton, AB CANADA
780-448-8997
www.thermalbreakclip.com

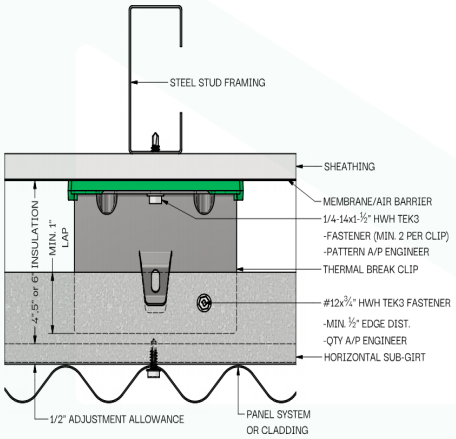
Recommended Fasteners

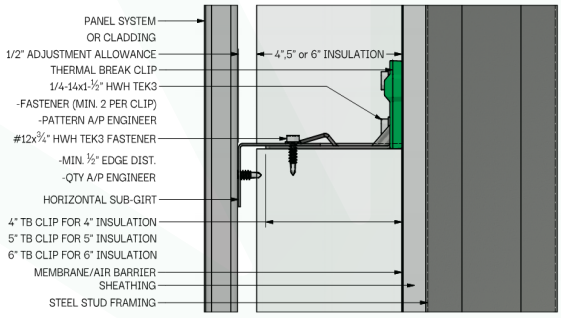
TB Clip to Girt: #12 x ¾" HWH Tek 3
Wood Substrate: #14-10 x 1 ¼" HWH
Steel Stud Assembly: ¼-14 x 1 ½" HWH Tek 3
Concrete (Poured in Place): Tapcon ¼ x 1 ¾" Hex Head
Concrete Block (CMU): Tapcon ¼ x 2 ¼" Hex Head or MUN 10 plug c/w 1/4x 2-1/4" HWH wood grip

Application

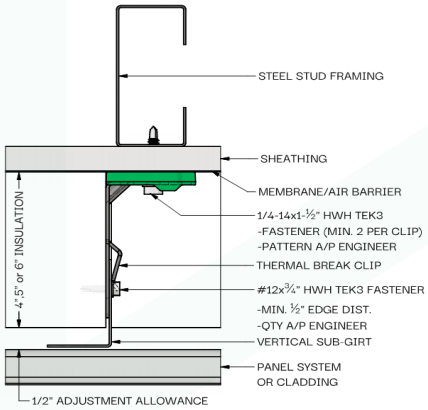
The THERMAL BREAK CLIP and sub-girt can be installed in a horizontal or vertical orientation. Clip spacing is determined by the design wind load and is a function of the panel or cladding weight, and insulation thickness. Clip spacing should be confirmed by an engineer.

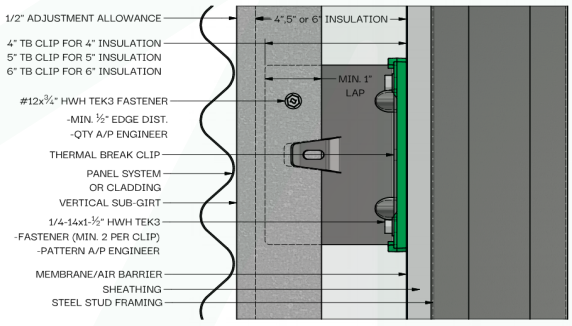
Horizontal Sub-Girt





Vertical Sub-Girt





Specification, Availability, and Pricing

Specification made easy by visiting www.thermalbreakclip.com/specify

Stock direct from the manufacturer
Contact us for account information and pricing

THERMAL BREAK CLIP
14440-123 Avenue NW, Edmonton, AB CANADA
1-780-448-8997
www.thermalbreakclip.com