TECHNOFORM

Thermal isolator clip series

The innovative thermal isolator clip series is the most effective and efficient exterior cladding attachment system on the market. Technoform works with industry leaders to ensure your priorities and requirements are met. The cost-effective clip significantly reduces thermal bridging, is easy to install, and keeps energy in and condensation out—where it belongs!

Tested for every challenge

- Significantly reduces thermal bridging beyond industry benchmarks.
- Is fast and easy to install.
- Lowers total cost.
- Maintains air and water tightness.
- Keeps energy in, condensation out, and the dew point on the exterior.
- Is fire- and load-tested beyond industry standards.

Tailored designs for your demands

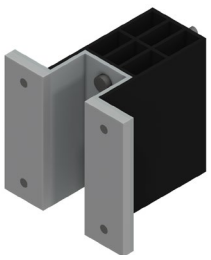
4'' standard lengths

Depths available now:

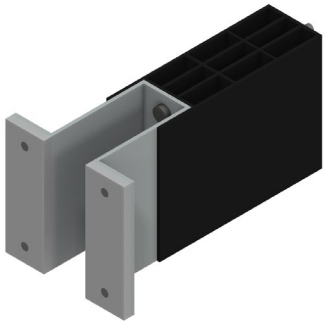
- TIC0402 – 2”
- TIC0403 – 3”
- TIC0404 – 4’’

Depths available soon:

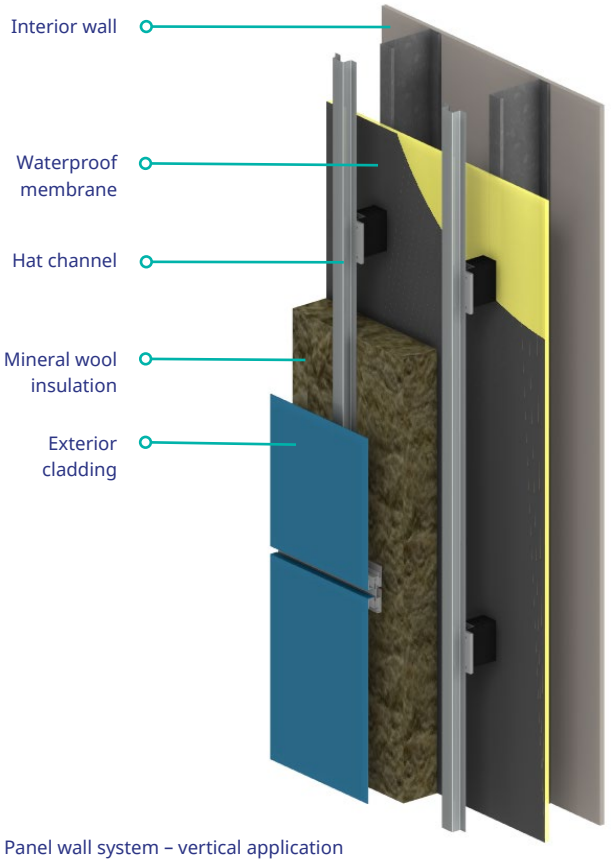
- TIC0405 – 5"
- TIC0406 – 6"
- TIC0407 – 7"
- TIC0408 – 8"



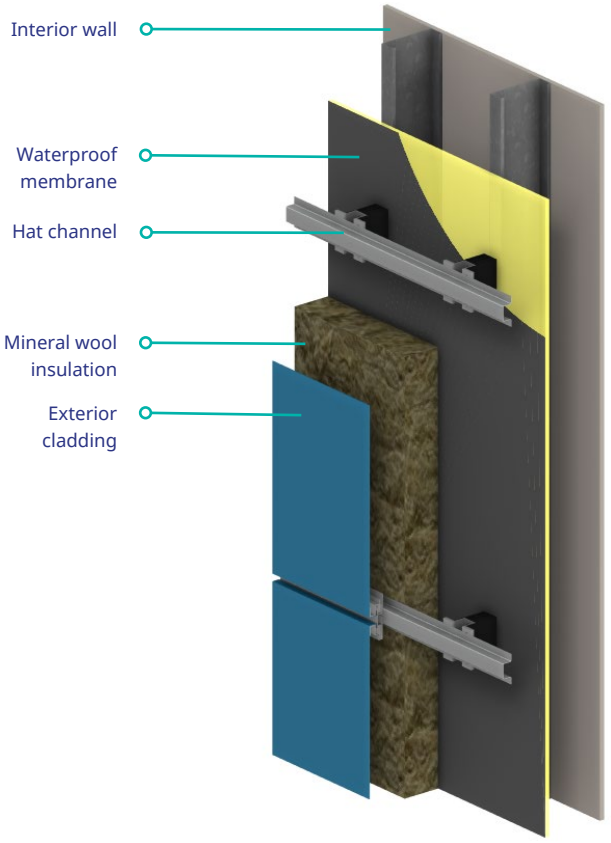
4'' thermal clip
TIC0404



8'' thermal clip
TIC0408



Panel wall system – vertical application



Panel wall system – horizontal application

The environmentally friendly option

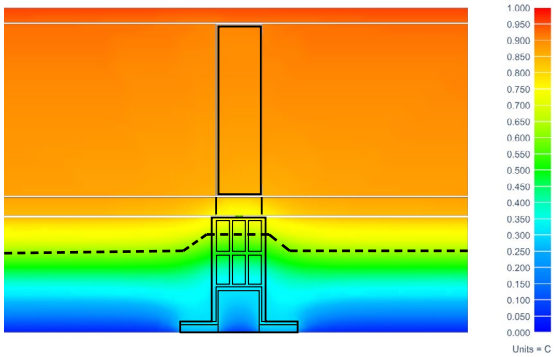
- Constructed of 100% recyclable materials: 40% glass-filled polyamide and a high-performing hybrid of structural grade engineered composite and extruded aluminum.
- The polyamide glass fibers are fully encapsulated, requiring:
  - No special handling or equipment during fabrication.
  - No personal protective equipment.
  - No special saw blade.
- No exposure from carcinogens, mutagens, or reproductive toxicants.
- Meets VOC emissions testing requirements.

Better than steel or aluminum

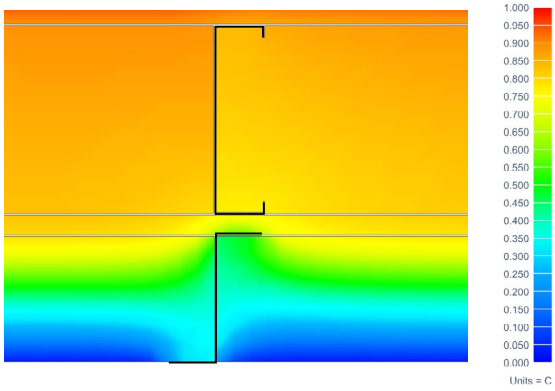
The thermal isolator clip is thermally superior to steel girts and clips. Metal Z-girts are not thermally efficient attachment systems; they are not typically recommended due to their excessive amount of thermal bridging. While thermal breaks and/or washers at the sheathing level can be beneficial, the insulation is still largely bridged, making the improvement mostly due to surface temperature rather than the effective R-value. The thermal isolator clip eliminates these issues and is not susceptible to moisture, corrosion, or electrochemical reactions.

Significantly reduces thermal bridging

Technoform's isolator clip significantly reduces thermal bridging and protects the integrity of your structures.



4'' clip close-up – thermal



Z-girt wall close-up – thermal

It keeps the dew point of the wall system outside the air-water barrier, minimizing the potential for condensation inside the wall cavities and preventing mold and degradation.

The superior system

For architects looking to increase the overall thermal performance of structures with cladded exteriors, Technoform's isolator clip is an ideal solution. Thoughtful design and materials increase installation speed and significantly reduce the energy loss typically experienced with fasteners and conventional framing systems.

The takeaway

Features and benefits

Technoform's thermal isolator clip protects the integrity of your structures. It provides you the lowest total installed cost by reducing steps and labor while providing flexibility to customize for various requirements. These many advantages provide you with a safe, high-performing, and easy-to-install solution.

- The extensively tested structural grade engineered composite and extruded aluminum exceeds industry standards for air, water, structural, and fire performance.
- Significantly reduces labor compared to other clip systems.
- Compliant with NFPA 285 requirements.
- Proven and thoroughly tested (including the use of performance mock-up) supporting all cladding types (TAKTL, UHPC, Terracotta, ACM, stone, etc.).
- Zero fiberglass—removing the risk of painful fiberglass shards during installation.
- Protects the integrity of your structures, minimizing the potential for condensation inside the wall cavities and preventing mold and degradation.
- Provides the lowest total installed cost by reducing steps and labor.
- Passed air infiltration testing ASTM E283; water resistance testing ASTM E331; water penetration dynamic method AAMA 501.1; structural testing for shear and tension capacity test; screw pull out test.
- Can be used on multiple solid substrates.
- Polyamide material specifically engineered for thermal and structural properties.

Insulation solutions for windows, doors, and facades

TECHNOFORM

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