

ThermaKlip

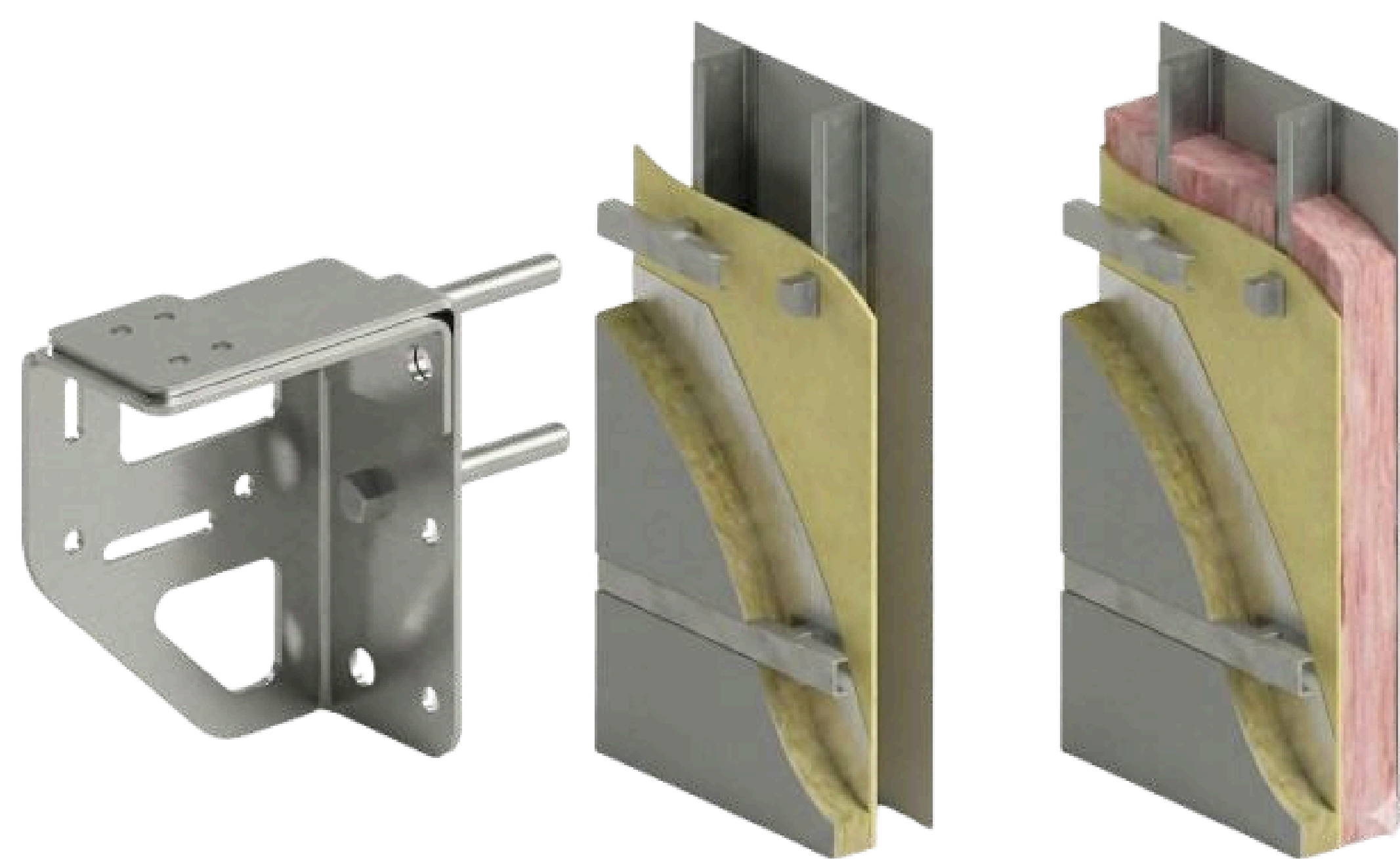
Data Sheet

Adjustable Thermal Wall Bracket

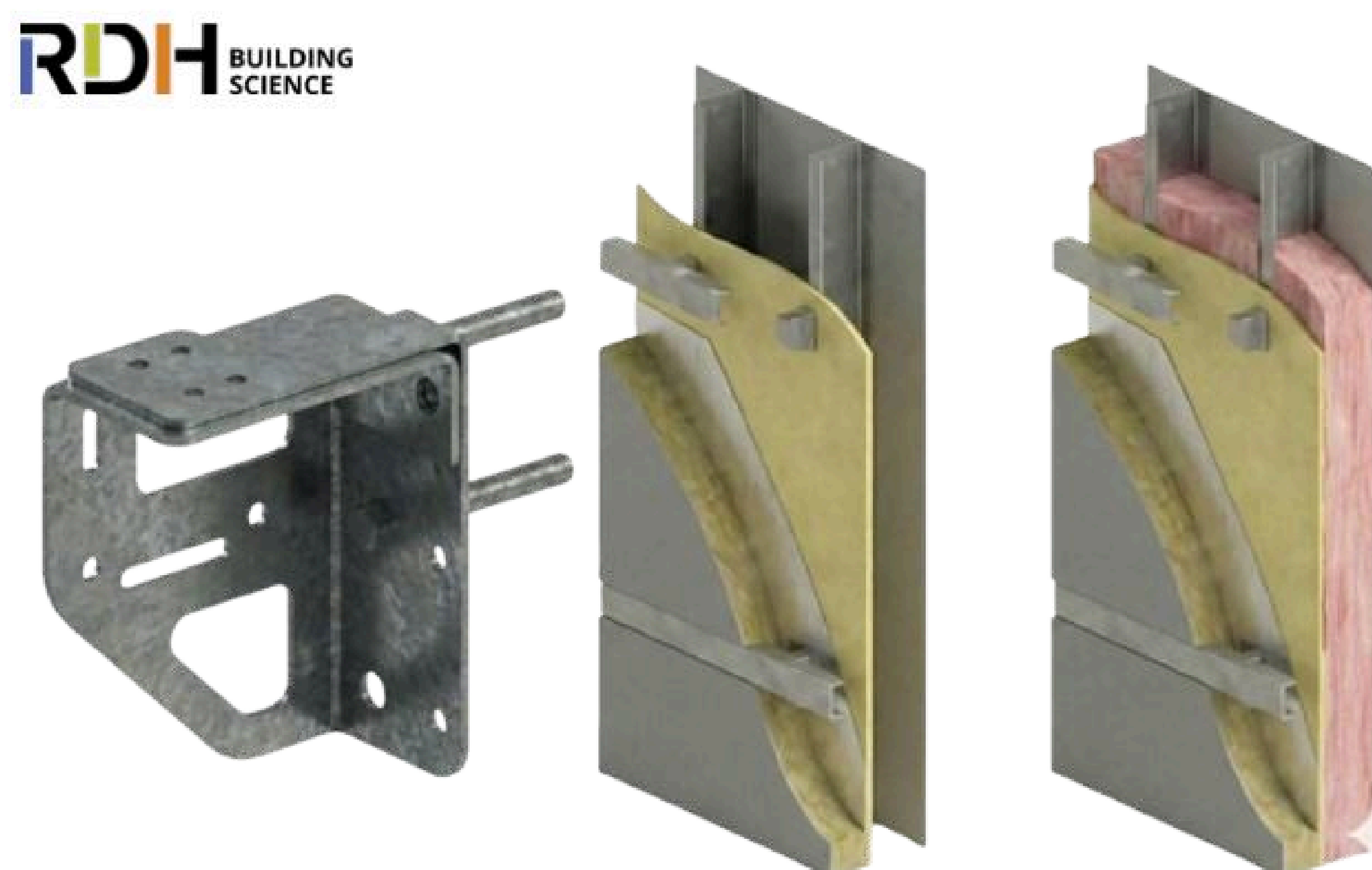


Introduction

The ThermaKlip stainless steel thermal bracket is a cutting-edge solution for high-performance cladding wall assemblies. Designed with precision and crafted from durable 14-gauge stainless steel, this versatile bracket minimizes thermal bridging, enhances energy efficiency, and supports a sleek, modern façade. With sizes tailored to accommodate insulation from 2" to 8", it seamlessly adapts to your project's unique requirements. Its superior strength allows for fewer brackets per wall, reducing material costs and installation time, while maintaining exceptional structural integrity. Elevate your building's performance with a thermal bracket that combines innovation, efficiency, and reliability.



Stainless Steel Clip – 6" Steel Stud Wall With and Without R-19 Batt



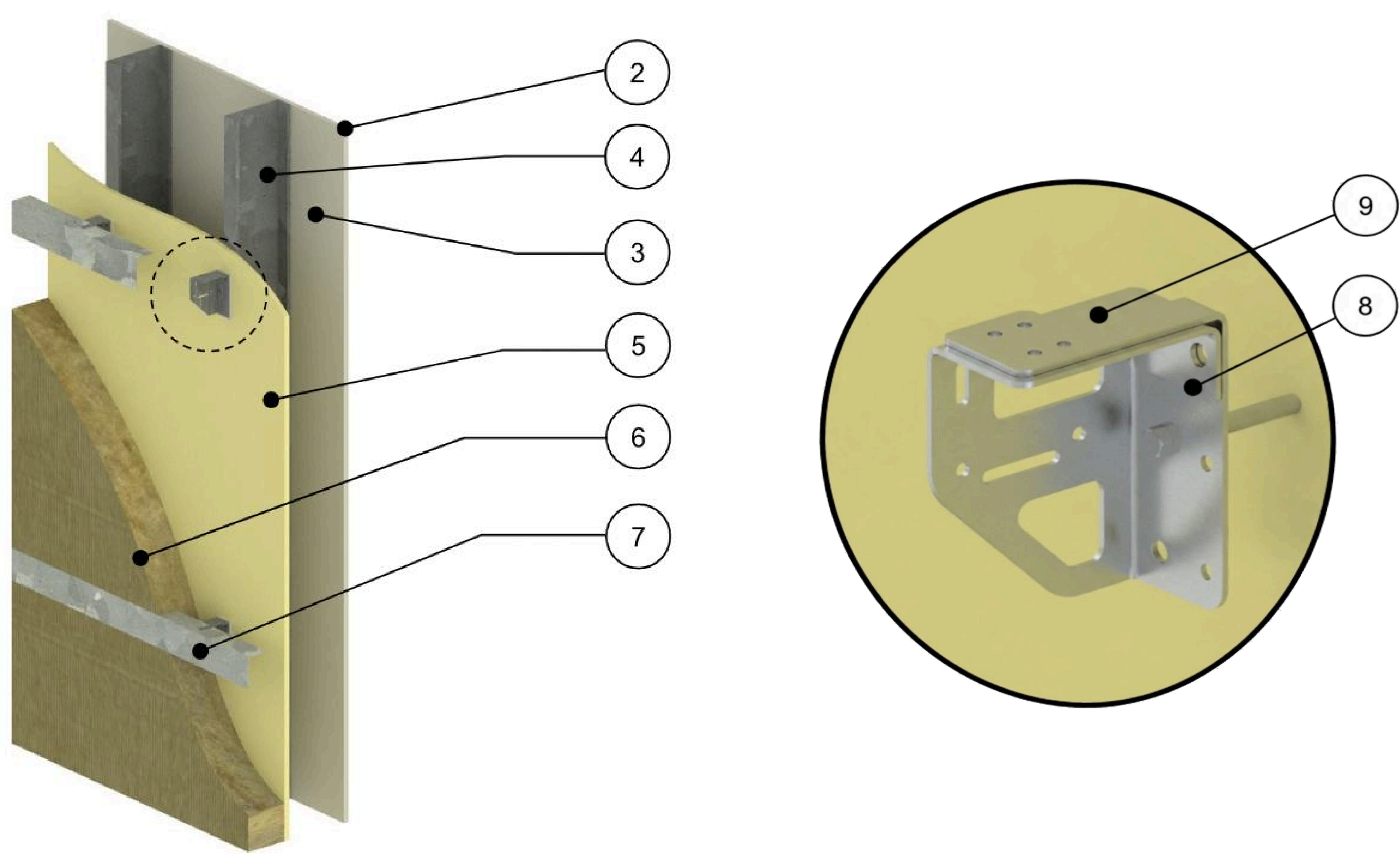
Galvanized Steel Clip and Thermal Pad – 6" Steel Stud Wall With and Without R-19 Batt

Product Overview

ThermaKlip is a one-part stainless steel clip system designed for efficient installation and thermal performance. The system includes an adjustable L-girt, which is installed after the clips to accommodate various insulation thicknesses and alignment requirements.

Key Features & Benefits

- **Enhanced Energy Efficiency:** By minimizing thermal bridging, ThermaKlip improves insulation performance, leading to better energy efficiency and occupant comfort.
- **Cost Savings:** The ability to use fewer brackets while maintaining structural integrity reduces material and labor costs.
- **Versatility:** Compatible with multiple insulation thicknesses and substrates, including concrete, steel studs, and wood.
- **Ease of Installation:** Designed to accommodate both vertical and horizontal sub-girts without the need for shims, streamlining installation and reducing time on site.
- **Superior Durability:** Constructed from high-performance 14-gauge stainless steel for exceptional strength and longevity.



ID	Component	Thickness Inches (mm)	Conductivity Btu-in / ft ² -hr-°F (W/m K)	Nominal Resistance hr-ft ² -°F/Btu (m ² K/W)	Density lb/ft ³ (kg/m ³)	Specific Heat Btu/lb-°F (J/kg K)
1	Interior Film ¹	-	-	R-0.7 (0.12 RSI)	-	-
2	Gypsum Board	1/2" (12.7)	1.1 (0.16)	R-0.5 (0.08 RSI)	50 (800)	0.26 (1090)
3	Air in Stud Cavity	6" (152)	-	R-0.91 (0.16 RSI)	0.075 (1.2)	0.24 (1000)
4	6" x 1 5/8" Steel Studs	18 Gauge	360 (52)	-	489 (7830)	0.12 (500)
5	Exterior Sheathing	1/2" (12.7)	1.1 (0.16)	R-0.5 (0.08 RSI)	50 (800)	0.26 (1090)
6	Exterior Mineral Wool Insulation	4" (102)	0.23 (0.034)	R-17.2 (3.03 RSI)	4 (64)	0.20 (850)
7	Steel L-Shaped Girt	18 Gauge	360 (52)	-	489 (7830)	0.12 (500)
8	#14 Stainless-Steel Fasteners	1/4" (6.5) Ø	118 (17)	-	500 (8000)	0.12 (500)
9	ThermaKlip – Stainless Steel		118 (17)	-	500 (8000)	0.12 (500)