Australian Thermal Industries

ATI Non-Combustible Thermal Break Strip

6mm Non-Combustible Thermal Break for Steel Framing

Non-Combustible Thermal Break for Steel-Framed Walls

The ATI Non-Combustible Thermal Break Strip provides a practical, low-profile way to reduce thermal bridging between steel framing and external cladding on commercial projects where resilience and safety come first.



Reduce Thermal Bridging. Support Thermal Performance.

Break the Thermal Bridge. Keep it Non-Combustible.

Steel framing conducts heat straight through the wall, bypassing the insulation between the studs. A thermal break between frame and cladding reduces that heat path. Where the wall design requires non-combustible materials, the thermal break must also be selected to suit those requirements.

Tested Where it Counts.

Classified as non-combustible when tested to AS 1530.1:1994 by an ISO/IEC 17025 accredited laboratory under the ILAC MRA. Material R-value of R0.27 m²K/W, tested to AS/NZS 4859.1.

Simple to Specify. Easy to Install.

A 6mm self-adhesive strip that positions onto the non-combustible building membrane over the steel frame, cuts to size with hand tools, and comes backed by a full specifier pack – Product Technical Statement, Technical Data Sheet, Installation Guide and Specification Reference.

Australian-owned. Practical by Design.

Australian Thermal Industries is an Australian-owned company committed to practical, efficient and more sustainable building methods that support builders, specifiers and contractors on commercial projects.

Industry Focused Features

Classified non-combustible under AS 1530.1:1994

R0.27 m²K/W material R-value tested to AS/NZS 4859.1

High-Temperature Insulation Felt (>1000°C material composition)

Low-profile 6mm build-up between frame and cladding

Compression resistant for a consistent cladding line

Hydrophobic composition resists mould and mildew

Self-adhesive backing with UV-stable, fibre-reinforced acrylic

Easily cut to size using hand tools

One Strip. Non-Combustible.

Thermal Break Built In.

ATI Non-Combustible Thermal Break Strip

Positions onto the non-combustible building membrane, aligned with the steel framing members, creating continuous non-combustible thermal separation between your frame and cladding.

Supplied in 1400mm lengths and 45mm wide to suit standard steel framing members. Material R-value of R0.27 m²·K/W, 35% above an R0.2 minimum where the applicable NCC thermal-break provision requires it.

Built for Non-Combustible Applications

Designed to reduce thermal bridging between steel framing and external cladding or lining where a non-combustible thermal break is required.

The strip may also be used in BAL-40 and BAL-FZ projects where permitted by the applicable wall-system requirements. Suitability must be confirmed for the complete assembly and project.

ATI provides supporting documentation for material non-combustibility. This does not establish a fire-resistance level or certify a complete wall system.

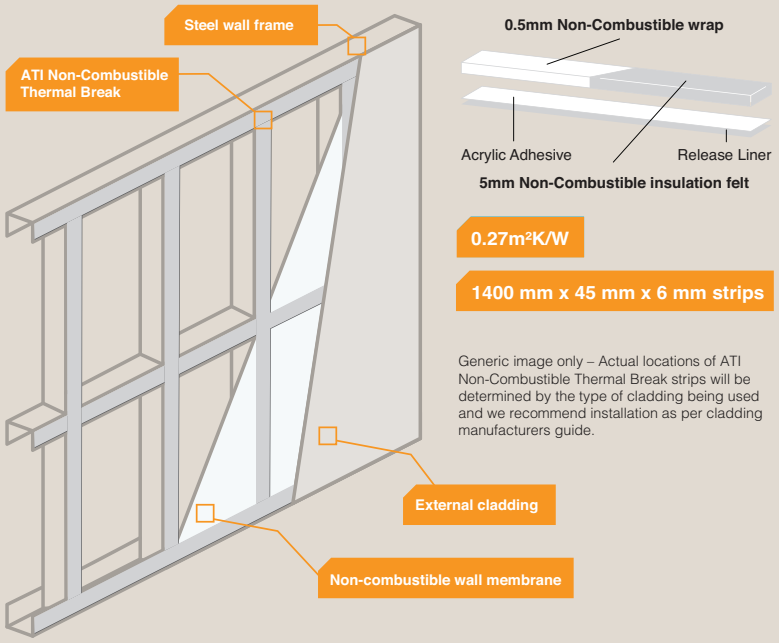
Works with Your Cladding System

Installs between steel framing and external cladding or lining. Cladding is fixed through the strip into the steel frame.

Need a Different Size?

Custom lengths, widths and thicknesses (in 5mm increments) are available to suit your project. Minimum order quantities apply.





Specifications

	ATI Non-Combustible Thermal Break Strip
Product Code	ATINCTB140072
Thermal Break	■
Non-Combustible (AS 1530.1:1994)	■
Material R-Value (AS/NZS 4859.1)	R0.27 m²K/W
Thermal Conductivity (ASTM C518)	0.019 W/m·K
Density	200 kg/m³ ±5%
Non-Combustible Insulation Felt + Wrap	5mm + 0.5mm
Self-adhesive Peel & Stick Backing	■
Steel Frame Compatibility	■
45mm W x 6mm D x 1400mm L	■
Carton Quantity	72 strips/carton
Lineal Metres/Carton	100.8
Carton Size	1420 x 500 x 120mm
Carton Weight	13kg
10 Year Product Warranty	■

Ready to see it for yourself? Contact us today.

Request a sample box - feel the quality, test the adhesive, see how fast it goes on.
Download the Specifier Pack - Product Technical Statement, Technical Data Sheet, Installation Guide, and Specification Reference.
Available through ATI's approved reseller network
Talk to ATI - have a question about your wall assembly or non-combustible requirements? We'll help you work it out.

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ATI donates 1% of its sales revenue to the HIA Charitable Foundation (HIACF), which works to improve health and welfare outcomes in the housing industry, including mental health issues.

HIA CHARITABLE FOUNDATION
LET'S MAKE A CHANGE TOGETHER