

**Name of building product/system**

ATI Cavi-Break® Strip

**Product description**

The ATI Cavi-Break Strip is a versatile construction material designed to function as a thermal break and/or cavity batten. Its application is primarily in steel and timber framed buildings behind lightweight cladding materials to enhance the thermal performance and manage condensation.

**Purpose and Intended use**

The ATI Cavi-Break Strip is applicable in both residential and light commercial construction projects and is compatible with an array of lightweight cladding materials including hardwood, fibre cement, fibreboard, aluminium, steel and vinyl.

**Compliance with the National Construction Code**

The ATI Cavi-Break Strip complies with the National Construction Code NCC 2022 Clauses A5G3, J1P1 and H6P1 as compliance is ensured through verification via testing and supporting expert technical opinions.

The thermal resistance of the Cavi-Break Strip exceeds the minimum requirement for the 'R' value of a thermal break and mitigates the thermal bridging on steel frames by maintaining the Total 'R' value of the wall.

The 'R' value of the Cavi-Break Strips is determined by test results from a NATA testing laboratory AWTA Product Testing Test No 22-003245.

The total 'R' value of the steel framed walls is confirmed by calculations prepared by Acronym Consulting Australia Pty Ltd -Report W230323a, W230323b and W230323c.

The total 'R' value of the timber framed walls is confirmed by calculations prepared by Acronym Consulting Australia Pty Ltd -Report W230323d, W230323e and W230323f.

**Limitations of Use**

The product is not intended for use as a structural element, it is specifically designed as a thermal break and cavity batten. The product is not intended for use in any wall construction where a FRL is required for the construction.

**Conditions of Use**

The provided PTS is applicable provided that the ATI Cavi-Break Strip is installed as per the Installation Manual and used in accordance with the requirements of the relevant National Construction Code.

The ATI Cavi-Break Strip should be stored with consideration to maintain its optimal condition until installation. Keep the strips in their original packaging, stored in a cool and dry place. It's recommended not to expose the strips to direct sunlight for prolonged periods to prevent any potential degradation of the material.

Please also avoid allowing solvents or chemicals to come into contact with the strips as this could affect their structural integrity and performance. Safety gear such as gloves and safety glasses are recommended when handling and installing the product.

**Design, construction and installation instructions**

Comprehensive design, construction, and installation instructions are provided in the ATI Cavi-Break Strip Installation Manual, which can be accessed [<https://australianthermal.com.au/downloads/>].

**Maintenance requirements**

The ATI Cavi-Break Strip does not require routine maintenance under normal conditions.

**Quality assurance**

The ATI Cavi-Break Strip is manufactured under stringent quality control measures. Each batch undergoes stringent Quality Assurance inspection and testing to ensure compliance.

## Environmental Impact

ATI is committed to sustainability and minimising our environmental impact. We strive to reduce waste in our manufacturing processes and encourage responsible practices throughout the product's life cycle.

## End of Life / Disposal Information

ATI Cavi-Break Strip is made of polystyrene which can be recycled at various stages of its life cycle. This includes the manufacturing stage, where all production waste is fully reprocessed back into the production mix for the manufacture of new polystyrene products.

Post-consumer polystyrene products, including ATI Cavi-Break Strip, can also be recycled. We work closely with contractors and supply bags for clean-up on site to ensure that all end-of-use polystyrene is collected, transported safely to our manufacturing facility, and granulated for reuse.

**For recycling drop-off points in your area, please visit the following links:**

Recycling Near You - Sydney  
<https://recyclingnearyou.com.au/polystyrene/SydneyNSW>

Sustainability Victoria - Melbourne  
<https://www.sustainability.vic.gov.au>

By choosing ATI Cavi-Break Strip, you're not only improving the thermal performance and longevity of your building projects, but you're also contributing to a more sustainable future.

## Product support

For product support, please contact ATI at 1300 430 949 or [sales@australianthermal.com.au](mailto:sales@australianthermal.com.au). Technical assistance is also available via our website <https://australianthermal.com.au/downloads/>.

## Warranty information

ATI provides a 10 year warranty on the ATI Cavi-Break Strip. Detailed warranty information can be found <https://australianthermal.com.au/downloads/>

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### Company name and contact details

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### PTS version and date

Version 1.0 – 14th July 2023

Contact details if you wish to make a claim under this warranty: For more information or to make a claim under this warranty, please contact Australian Thermal Industries on 1300 430 949, visit [www.sovereignsteel.com.au](http://www.sovereignsteel.com.au), email Australian Thermal Industries via our website or write to Australian Thermal Industries at PO Box 111 Runaway Bay QLD 4216.

### DISCLAIMER

The recommendations in Australian Thermal Industries's literature are based on good building practice, but are not an exhaustive statement of all relevant information. Further, as the successful performance of the relevant system depends on numerous factors outside the control of Australian Thermal Industries (e.g. quality of workmanship and design), Australian Thermal Industries shall not be liable for the recommendations in that literature and the performance of the relevant system, including its suitability for any purpose or ability to satisfy the relevant provisions of the Building Code of Australia, regulations and standards.