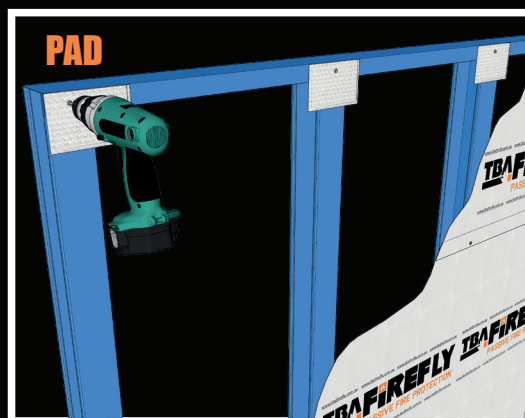
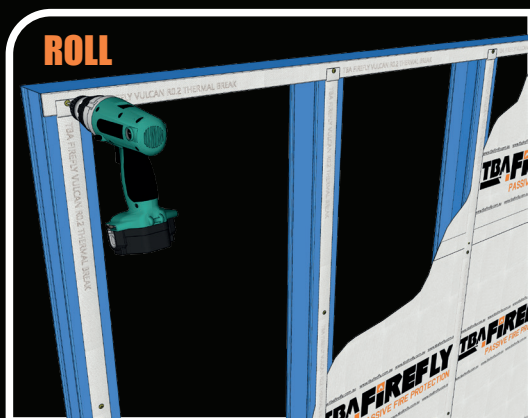


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THERMAL BREAK REQUIREMENTS OF THE NCC FOR METAL FRAMED CONSTRUCTION

The National Construction Code (BCA Vol 1 & 2) introduced a requirement in 2006 which states that all metal framed buildings of certain construction and building classification, require a Thermal Break with an R 0.2m² K/W to be installed between the metal frame and external cladding.

Metal framed walls have a higher thermal conductivity than timber framed walls which will cause heat leakage through the wall frame and into the building.

A Thermal Break reduces the impact of thermal bridging by reducing the flow of heat through the conductive pathway from the steel framing to the external cladding.

Where a Thermal Break is used to meet the compliance provisions of the BCA (NCC) for Metal Framed External Walls of All Type A and Type B Construction it must meet

All of the following criteria:

- Be a Non-combustible product
- Be installed between the Metal Frame and the External Cladding
- Be a material with an R-Value of not less than R 0.2

TBA FIREFLY VULCAN NON-COMBUSTIBLE R0.2 THERMAL BREAK

Description	Thermal Break Roll	Thermal Break Pad
Product Code	Vulcan Thermal Break R0.2	Vulcan R0.2 TB Pads
Thickness	6mm	6mm
Width	90mm	90mm
Length	10M	150mm
R-Value	R0.26	R0.26
Non-Combustible	Yes	Yes

The TBA Firefly Vulcan R0.2 Thermal Break is 100% **Non-combustible** in accordance with **AS1530.1**. No fillers, no binders and no adhesives.

Report No: CSIRO FCO-3289

For full construction details please see our Installation Manual

**TBA FIREFLY VULCAN R0.2 THERMAL BREAK
 FOR METAL FRAMES OF ALL TYPE A AND TYPE B CONSTRUCTION**