

### **DCTech provide solution for fire compartmentalisation in external façades**

The Building Code of Australia, Section C2.6 (Vertical separation of openings in external walls) states that any building of Type A construction needs to provide fire separation in openings to prevent the spread of fire.

External cavities on buildings are becoming ever more popular with the increase of ventilated cladding / render systems and also ventilated traditional masonry cavities.

The TENMAT Ventilated Fire Barriers can provide the fire separation stated in C2.6 whilst also providing additional benefits such as preventing moisture bridging and damp problems.

The TENMAT Ventilated Fire Barriers are low profile intumescent fire barriers that in normal conditions leave the cavity open for ventilation but in the event of a fire expand and close off the cavity providing a fire and smoke seal.

**See product video: -**

**<https://www.youtube.com/watch?v=ZEFg1Ms3ZWs>**

The TENMAT FF102/50 Ventilated Fire Barriers were installed on the recent Anglican Retirement Village project in Castle Hill, Sydney. The Tenmat Fire Barrier was easy to install with its self-adhesive backing onto the substrate, prior to mechanical fixing.

The TENMAT FF102/50 ensured fire compartmentalisation in the 50mm external cavity to meet the BCA requirements.

# Anglican Retirement Village project in Castle Hill, Sydney

## Project during construction



## FF102/50 installed vertically



## Product Profile



TENMAT FF102/50 Ventilated Fire Barrier

Product Dimensions: 6mm x 75mm x 1000mm

To Suit Cavity Sizes up to 50mm

DCTech can offer Ventilated Fire Barriers to suit cavity sizes up to 500mm and fully tested for a wide range of constriction types.

Please contact DCTech for more information on the range.

# about dctech

DCT has been serving the Australian building industry with an extensive portfolio of technically advanced thermal insulation, geosynthetic membranes, rainscreen cladding brackets and fibreglass reinforced plastic wall and ceiling liner panels - which have been tried and tested to Australian building codes and standards.

This diverse portfolio provides DCT with the ability to consider the building envelope holistically and hence develop a 'total system solutions' for a wide range of building applications. DCT total system solutions incorporate high-performance building materials and innovative solutions which are designed to meet the continuously evolving requirements of the Australian building industry.

DCT total system solutions address the risk of interstitial condensation, affords BCA, NCC and Greenstar compliant thermal efficiency and optimum acoustic and fire performance.

Ensure you specify the right system for the right application, look for the orange 'Powered by DCT' stamp of approval.



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