ZIPSCREEN®

Zipscreen, Fire Testing & Commercial Projects

What You Need To Know

Independently tested by Ignis to support
National Construction Code (NCC) compliance

ISO 13785-1 testing provides evidence to support compliance, however **this report does not replace a Performance Solution.**

Every unique multi-storey and commercial building project requires a Performance Solution, to meet the NCC's non-combustibility requirements.

What's important to understand

The National Construction Code (NCC) sets strict fire safety rules for Class 2–9 buildings – these include apartments, hotels, offices, schools, and healthcare facilities.

The NCC states external walls and their attachments must be made of non-combustible materials, unless located at ground level or the level immediately above ground level. This is to stop flames spreading up building façades or between neighbouring balconies.

The reality is all fabrics used in outdoor blinds are combustible. However, there is a path to compliance via a Performance Solution.

A Performance Solution is specialised safety plan prepared for a particular building which explains how the proposed design satisfies the Performance Requirements of the NCC. This is developed by an accredited fire safety engineer and is provided to the building surveyor as part of the building approval process.

A fire engineer will use relevant testing data to perform a risk assessment and confirm the Zipscreen system meets fire safety requirements for each project. Support material may also include specific fabric test reports for AS 1530.2 and AS 1530.3.

Zipscreen has completed testing to ISO 13785-1:2002 and can provide a detailed fire assessment report, signed off by a professional engineer. This test report can be used to support the development of a Performance Solution.

National Construction Code

ignis labs

About our testing

Zipscreen has been independently tested at Ignis Labs to “ISO 13785-1 – Reaction-to-fire test for facades”. The test involved a motorised Zipscreen system, with a Box 120 cassette, positioned approximately 100mm behind a glass balustrade to replicate a typical balcony setup. A gas burner was used as the flame source, exposing the system to high heat for an extended period.This test does not provide a simple pass or fail outcome, it captures detailed observations of fallingdebris, smoke behaviour and temperature measurements. These results form part of the professional risk assessment by a fire engineer.

In summary

Zipscreen can provide supporting evidence to prove the system can be used safely on Class 2 – 9 buildings when assessed as part of a Performance Solution, conducted by an engineering professional.

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View Laboratory Assessment

Test results

- The fabric shrank back from flames rather than spreading fire.
- The system did not promote fire spread to neighbouring areas.

Critical information

- The assessment from Ignis supports a Performance Solution, it does not replace it.
- There is no one size fits all solution available for products with combustible fabrics.
- Each project must be assessed by a fire engineer to create a Performance Solution for your specific building.