26 November 2025
Date of Issue

IGNIS LABORATORY ASSESSMENT

Evaluation No. IGNL-9312-99-01L Issue 01 Revision 00

Zipscreen External Blind System

To whom it may concern,

Ignis Labs confirm that the Zipscreen External Blind System, incorporating the Vistaweave 95 Polyester Mesh, has been reviewed in accordance with the National Construction Code (NCC) Volume One, Building Code of Australia (BCA) 2022, Performance Requirement C1P2 for fire spread and the requirements of Clause C2D14 for Ancillary Elements for use within external wall applications. The performance of the external blind has been documented in the Fire Assessment Report IGNL-9312-13-01R dated 31 October 2025.

The assessment involved comprehensive fire testing, including ISO 13785-1, AS 1530.2, and AS 1530.3, to evaluate the fire performance characteristics of the product under simulated fire conditions. Key findings from the evaluation include:

1. The external blind system incorporates an aluminium headbox and aluminium tracking system, which are non-combustible materials.

2. The Vistaweave 95 Polyester Mesh has been tested under both AS 1530.2 and AS/NZS 1530.3 where it has demonstrated compliance with fire hazard property requirements. The Vistaweave 95 Polyester Mesh, has a flammability index of 2, a spread-of-flame index of 0, and a smoke-developed index of 7.

3. Fire testing under ISO 13785-1 conditions confirmed that with the exception of some minor flaming debris, the system does not contribute to undue fire spread. Compliance with BCA Performance Requirement C1P2 is met where:

    - The blind system is installed above a balcony belonging to the same fire compartment.
    - The balcony balustrade is of glazed, masonry, metal, or stainless steel cable construction.
    - The blind system does not span across multiple fire compartments.

    These limitations are based on a general scenario and can be assessed for their applicability on a case-by-case basis by a qualified Fire Engineer where the potential for small quantities of flaming debris to impact spread of fire between compartments or safe evacuation has been considered.

4. No vertical propagation of flame was observed, and as such there is no necessity for a minimum vertical clearance between blind systems

Based on these findings, the Zipscreen External Blind System, incorporating Vistaweave 95 Polyester Mesh, satisfies the Performance Requirements of the NCC for external blind installations. The product does not present an unacceptable fire hazard when installed in accordance with the installation requirements and limitations.

Benjamin Hughes-Brown | FIEAust CPEng NER APEC Engineer IntPE(Aus)
Chartered Professional Engineer
CPEng, NER (Fire Safety / Mech) 2590091,
QLD - RPEQ 11498, Vic - BDC-1875, NSW - PRE0000303, DEP0000317, PE0001872, ACT - 00300002504
MFireSafety (UWS), BEng (UTS), GradDipBushFire (UWS), DipEngPrac (UTS), DipEng (CIT)