GLASSCORP PYROBEL FIRE RESISTANT GLASS

BPIR DECLARATION

Version 1.0 November 2023

DESIGNATED BUILDING PRODUCT: Class 1

DECLARATION

Glasscorp Ltd has provided this declaration to satisfy the provisions of the Building (Building Product Information Requirements) Regulations 2022.

COMPANY DETAILS

Name	Glasscorp Ltd
Role	Supplier
NZBN	9429040947150
Address	124 Bush Road, Albany, Auckland 0632
Website	www.glasscorp.co.nz
Email	sales@glasscorp.co.nz
Phone	09 415 6338

DESCRIPTION OF BUILDING PRODUCT

Glasscorp Ltd supplies Pyrobel, a fire-resistant glass. It is a multi-laminated glass assembled with clear intumescent interlayers. In the event of a fire, the interlayers transform into rigid and opaque fire shields that keep out the flames and reduce heat transmission. Fire resistance is provided in both directions.

Depending on the assembly, different fire ratings may be achieved in respect of integrity and insulation. Pyrobel does not achieve a fire resistance rating with respect to structure.

Pyrobel is manufactured in Europe by AGC Glass Europe, a branch of AGC (Japan). AGC has sustainability goals that it measures and reports on annually. AGC Glass Europe supplies EPDs for their products.

Pyrobel is manufactured to European standards and supplied CE certification and Declaration of Performance on the Pyrobel website.

For more information on the Pyrobel glass options and their installation requirements, refer to Glasscorp Ltd.

CONTRIBUTION TO BUILDING WORK CODE OBLIGATIONS

Glasscorp Ltd relies on compliance with the EN 14449:2005 + AC:2005 to make the following claims.

Pyrobel glass complies with the following code clauses.

- B1 (Structure): B1.3.1, B1.3.2, B1.3.3 (a, c, g, h, j, k), B1.3.4
- B2 (Durability): B2.3.1 (a)
- F2 (Hazardous Building Materials): F2.3.1, F2.3.3 (a, b)

When installed, Pyrobel glass may contribute to the following code clauses.

- E2 (External Moisture), applicable performance criteria
- C2 – C6 (Protection From Fire), applicable performance criteria

When included in joinery, Pyrobel may also contribute to D1(Access), G7 (Natural Light), H1 (Energy Efficiency).

FOR FURTHER INFORMATION

Pyrobel glass must be used in accordance with all information supplied by Glasscorp Ltd.

For supporting information, refer to www.glasscorp.co.nz.

RESPONSIBLE PERSON

In accordance with Regulation 8, as the responsible person I confirm that the information supplied in this declaration is based on information supplied to the company as well as the company's own processes and is therefore to the best of my knowledge, correct.

I can also confirm that Pyrobel glass, as referred to in this statement, is not subject to a warning or ban under s26 of the Building Act.

Signed for and on behalf of Glasscorp Ltd:

S Oakley
TECHNICAL MANAGER

November 2023

GLASSCORP LTD
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