Koffman Limited
18L Bower Ave
Christchurch 8083
New Zealand
info@koffman.co.nz

Product Technical Statement

Koffman Windows and Doors

Description

The Koffman Windows and Doors are:

1. uPVC framed with Profine Kommerling "hot country" formulation. These are offered in 76 or 88 mm frame thickness and with 2 (76AD) or 3 (76MD, 88MD) seal system. They come in various custom made sizes and opening styles. They are either white or laminated in various colours. Another option is aluminium clip-on skin on the outside. Glass is double or triple glazed IGU argon filled with low E glass from Glassolutions of Saint Gobain.
2. Aluminium thermally broken/insulated frames based on Ponzio or Yawal profiles. Glass is double or triple glazed IGU argon filled with low E glass from Glassolutions of Saint Gobain.

A full description of range of windows covered by the PTS see http://koffman.co.nz/windows/ and for doors see http://koffman.co.nz/doors/

Manufacturer and Supplier details

Windows are manufactured by Bewi Producent Stolarki PCV I Al. Physical address is 16 Krapkowicka 46-061 Zlinice Poland. Website www.bewi.com.pl, email bewi@bewi.com.pl

Windows are manufactured for Koffman Limited, NZBN 9429046042729, 18L Bower Ave Christchurch 8083, www.koffman.co.nz, info@koffman.co.nz

Scope of Use

1. The windows and doors are for use in buildings designed within the respective scopes of each of the structural systems (timber, light steel frame and masonry) cited within B1/AS1 and;
2. For buildings within the scope of para 1.1 of E2/AS1.

Compliance Statement

The Koffman Windows will comply with or contribute to compliance with the following provisions of the New Zealand Building Code:

B1 Structure B1.3.1, B1.3.2, B1.3.3 (a, h, j)
B2 Durability B2.3.1 (b) and B2.3.2 (c) for joinery
E2 Weathertightness E2.3.2, E2.3.7
F2 Hazardous Building Materials F2.3.7, F2.3.3
G4 Natural Ventilation G4.3.1 and G4.3.3
G7 Natural Light G7.3.1 and G7.3.2
H1 Energy Efficiency H1.3.1 and H1.3.2E

When specified and installed in accordance with the following conditions and limitations:

1. For wind zones up and including Extra High defined in NZS3604.
2. Fixings in supporting frames shall be in accordance with E2/AS1 paragraph 9.1.10.8
3. Installed by a licensed building practitioner in the appropriate licensing class (even if not Restricted Building Work)
4. Calculation of window opening areas for ventilation must be in accordance with G4/AS1
5. Calculation of window areas for Natural Light must be in accordance with G7/AS1

Cladding and window interface

1. Details of the installation of the windows is outside of the scope of this PTS but some standard details for common cladding types can be found at http://koffman.co.nz
2. Where mechanical flashings are used they are to be in accordance with section 4 of E2/AS1.
3. Flexible flashing tapes must have either a current Product (Codemark) Certificate, Appraisal or Product Technical Statement.

Maintenance

1. Windows frames must be washed down annually with a weak solution of warm water and household detergent. Agents containing organic solvents must be avoided.
2. Stays and other moving parts must be inspected annually and lubricant applied if necessary to maintain ease of operation

More information and Contact details

For more information see http://koffman.co.nz

Evidence Base to support compliance

1. Tested in accordance to NZS 4211 by MOBILNE Laboratorium of Poland (ILAC accredited laboratory for window and door testing)
2. Tested by SKZ – Testing GMBH https://www.skz.de/en/information/gbt/1473.Testing-GmbH.html Test Report No 126398/17 (in accordance with EN 513 (Weatherability) and has a rating of Climate Zone “S” (Severe Climate)
3. Statement of rutile titanium oxide composition of . 8phr issued by Profine Group