Advanced uPVC Windows NZ Ltd

Class 2
Building Product Information Sheet

Product name:

REHAU uPVC WINDOWS AND DOORS

Other product names:

N/A

Product line:

All REHAU uPVC exterior joinery is UV compliant and carries a current NZ BRANZ appraisal 1018(2024) amended 6-8-2026

Product identifier *(if applicable)*:

REHAU Euro S920 slide windows and doors
REHAU Prestige S921 windows and doors
REHAU TOTAL70 windows and doors
REHAU SLINOVA slide doors

Product description and its intended use *(measurements, materials, usage)*:

- REHAU uPVC JOINERY comprises of fully assembled thermally insulated window and door joinery units.
- REHAU uPVC JOINERY has been designed for, but is not limited to, use in timber-framed housing, residential apartments up to three levels in height and light commercial, and may also be used in ancillary and outbuildings associated with these residential uses.
- REHAU uPVC JOINERY is custom fabricated to the requirements of each project. Units are glazed with insulated glass units (IGUs) and may include fixed or opening sashes and door panels. Opening sash options include awning, casement, sliding, tilt-n-turn styles. Door systems include hinged, sliding, tilt-n-slide and tilt-n-turn.
- REHAU uPVC JOINERY is fabricated in New Zealand by ADVANCED UPVC WINDOWS NZ LTD at 19a Watson St, Bulls from uPVC profiles manufactured by REHAU Industries SE & CO. KG.

Place of manufacture: ☑ **Aotearoa New Zealand** ☐ **Overseas**

Legal and Trading name of the manufacturer(s):

ADVANCED UPVC WINDOWS NZ 2026 LIMITED trading as ADVANCED UPVC WINDOWS NZ LTD

New Zealand Business Number (NZBN): 9429053975249

Address for service:

STREET NAME	19a Watson St	SUBURB	
CITY, COUNTRY	Bulls	POSTCODE	4818

Website: www.advancedupvc.co.nz

Email address: les@advancedupvc.co.nz

Phone No. *(if applicable)*: 027 292 4410

Legal and Trading name of the importer *(if applicable)*:

REHAU Ltd

New Zealand Business Number (NZBN): 9429037496074

Address for service:

STREET NAME	Level 1/12 Allens Rd	SUBURB	East Tamaki 2163
CITY, COUNTRY	Auckland	POSTCODE	

Website: www.rehau.co.nz

Email address: andrew.johnston@rehau.com

Phone No. *(if applicable)*: 021 2409906

Relevant Building Code clauses:

- B1 Structure: Performance clauses B1.3.1, B1.3.2, B1.3.3 B1.3.4.
- B2 Durability: Performance clauses B2.3.1(b) and B2.3.2.
- C4 Movement to a place of safety: Performance clauses C4.3 and C4.5
- D1 Access Routes: Performance clause D1.3.1 (b).
- E2 External Moisture: Performance clause E2.3.2 and E2.3.7.
- E3 Internal Moisture: Performance clause E3.3.1
- F2 Hazardous Building Materials: Performance clauses F2.3.1, F2.3.2, F2.3.3.
- F4 Safety from Falling: Performance F4.3.1 and F4.3.4.
- F9 Means of restricting access to residential pools: Performance clause F9.3.4
- G4 Ventilation: Performance G4.3.1 and G4.3.3
- G7 Natural Light: Performance G7.3.1 and G7.3.2.
- H1 Energy Efficiency: Performance clauses H1.3.1, H1.3.2E and H1.3.3.

Statement on how the building product is expected to contribute to compliance:

- **B1.3.1, B1.3.2, B1.3.3 and B1.3.4:** REHAU uPVC JOINERY has been tested in accordance with SNZ TS 4211:2022 (2022 classification type) and with NZS 4211:2008 and is fabricated to the structural requirements of the Wind Zone specified in the project requirements. REHAU uPVC JOINERY is glazed to comply with NZS 4223.3:2016 where specified in the project requirements because human impact may occur.
- **B2.3.1(b) and B2.3.2:** REHAU uPVC JOINERY can be finished to provide a durability of at least 15 years in all Exposure Zones, except in microclimates where there is evidence of corrosion in adjacent structures caused by industrial or geothermal atmospheres. Durability is dependent on REHAU uPVC JOINERY being installed and maintained in accordance with Standard Joinery Ltd requirements. IGUs comply with the requirements of NZS 4223.2: 2016. Timber reveals comply with NZS 3602:2003. Hardware elements shall meet the durability of at least 5 years.
- **C4.3 and C4.5:** REHAU uPVC JOINERY doors can be used within an escape route where relevant considerations are specified in the project requirements.
- **D1.3.1(b):** REHAU uPVC JOINERY doors can be used within an access route where relevant considerations are specified in the project requirements.
- **E2.3.2 and E.2.3.7:** REHAU uPVC JOINERY has been tested in accordance with SNZ TS 4211:2022 (2022 classification type) and with NZS 4211:2008 and is fabricated to the water penetration requirements of the Wind Zone specified in the project requirements. REHAU uPVC JOINERY is suitable for installation in accordance with Acceptable Solution E2/AS1, Third Edition Amendment 10, and can be supplied with sill support bars or support blocks to suit the cladding selection. Installation details provided by other parties such as architects and cladding system suppliers may also be suitable.
- **E3.3.1:** REHAU uPVC JOINERY is glazed with IGUs to the project requirements and does not require condensation collection channels to meet the requirements of E3/AS1 Second Edition Amendment 7, Paragraph 1.3 Condensation control.
- **F2.3.1, F2.3.2 and F2.3.3:** REHAU uPVC JOINERY is safe when handled in accordance with installation instructions REHAU uPVC JOINERY is fabricated to comply with NZS 4223.3:2016 where specified in the project requirements.
- **F4.3.1 and F4.3.4:** REHAU uPVC JOINERY is fabricated with opening restrictors to comply with F4/AS1 Third Edition Amendment 2, Paragraph 2.0 Opening Windows, where relevant considerations are specified in the project requirements.
- **F9.3.4:** REHAU uPVC JOINERY may be fabricated with restrictors, door closers and swimming pool barrier latches fitted to opening windows or doors within a wall that forms part of a residential pool barrier. Residential pool barrier designs may comply with F9/AS1 First Edition, or with an alternative design provided by other parties. REHAU uPVC JOINERY does not include warning signs and door alarms: if these are required by the design then they may be supplied and installed on site by others.
- **G4.3.1 and G4.3.3:** REHAU uPVC JOINERY can be fabricated with opening sashes of type and dimensions specified in the project requirements to help provide building ventilation. Ventilation design may comply with G4/AS1 Fourth Edition, Paragraph 1.2 Natural ventilation, or an alternative ventilation system design which utilises opening window sashes and is provided by other parties such as mechanical services engineers could be suitable.
- **G7.3.1 and G7.3.2:** REHAU uPVC JOINERY can be fabricated with the area and Visible Light Transmittance (VLT) of glazing specified by the project requirements to help provide natural light and awareness of the outside. Glazing design may comply with G7/AS1 Second Edition or G7/AS2 First Edition, or an alternative glazing design provided by other parties such as lighting engineers could be suitable.
- **H1.3.1(a), and H1.3.2E:** REHAU uPVC JOINERY can be fabricated with IGUs made from a range of possible glass, spacer and infill gas types, to suit the window insulation (R-value) requirements of the project. Depending on the window or door type, dimensions and IGU type, R-values between R0.40 and R0.92 can be provided, determined in accordance with either H1/AS1 Fifth Edition Amendment 1, Table E1.1.1, or with H1/VM1 Fifth Edition Amendment 1, Paragraph E1.

Relevant standards

REHAU uPVC JOINERY, and/or its component parts, are tested, fabricated and specified to comply with the following standards, as relevant to the project specifications:

- SNZ TS 4211:2022 *Specification for the classification of windows* (2022 classification type)
- NZS 4211:2008 *Specification for the performance of windows*
- NZS 4223 *Code of practice for glazing in buildings* - Part 1:2008 Glass selection and glazing
- NZS 4223 *Code of practice for glazing in buildings* - Part 2:2016 Insulating glass units
- NZS 4223 *Code of practice for glazing in buildings* - Part 3:2016 Human impact safety requirements
- NZS 4223 *Code of practice for glazing in buildings* - Part 4:2008 Dead, wind and snow loading
- NZS 3602:2003 *Timber and wood-based products for use in buildings*
- AS 3715:2002 *Metal finishing – Thermoset powder coatings for architectural applications of aluminium and aluminium alloys*.

- *options for compliance set out in section 19 of the Act (regulations, acceptable solution, verification method)*
- *standard or technical document that describes the performance of the building product or the relevant specifications to which the building product was manufactured*
- *physical properties of the building product*
- *how the building product is intended to be used.*

Limitations on the use of the building product:

REHAU uPVC JOINERY is not fire resisting glazing and cannot provide a fire resistance rating.

REHAU uPVC JOINERY is not suitable for use in high-use situations such as commercial, institutional assembly or industrial buildings.

REHAU uPVC JOINERY is not suitable for use where recommended maintenance cannot be reasonably achieved, including use in buildings taller than three levels or 10 m in height.

Design requirements that would support the use of the building product:

REHAU uPVC JOINERY is designed for, but is not limited to, use in projects within the following scope:

- Housing and residential apartment buildings, and their associated ancillary and outbuildings.
- Building height up to three levels or 10 m.
- Timber framed construction.
- All Wind Zones up to and including Extra High.
- All Exposure Zones, except in microclimates where there is evidence of corrosion in adjacent structures caused by industrial or geothermal atmospheres.
- Overall door or window size up to 5.000 m wide x 2.700 m high, with maximum unit weight 400 kg. Limitations on the configuration, maximum dimensions, and weights of individual panels also apply, and are dependent on the panel type.
- Maximum IGU thickness is 36 mm.
- Design and installation that follows common Acceptable Solutions such as E2/AS1, F4/AS1, G4/AS1, G7/AS1 and H1/AS1.
- White uPVC Profiles and Silver Anodised Thresholds
- Powder coat or Stainless-Steel finish to hardware only.
- Timber reveals pre-primed for site painting, unless otherwise agreed with ADVANCED UPVC WINDOWS NZ LTD.

REHAU uPVC JOINERY may be used in projects outside this scope if other parties such as architects or cladding system suppliers establish appropriate design and installation requirements.

REHAU uPVC JOINERY has an air permeability class of 3 (determined in accordance with SNZ TS 4211) and achieves an air infiltration rating for air-conditioned buildings (determined in accordance with NZS 4211). Controlling air permeability and infiltration helps prevent heat losses from buildings.

REHAU uPVC JOINERY is custom fabricated to the requirements of each project. Prior to fabrication, the following project selections must be confirmed by the specifier:

- Unit size.
- Opening panel size(s) and type(s), and configuration of fixed and opening panels, including any specific requirements for doors that are on access routes or escape routes.
- Project Wind Zone.
- Project Exposure Zone.
- IGU performance selections, including R-value, solar heat gain (SHGC), VLT, and safety glazing requirements.
- Safety fittings and hardware: restrictors, door closers and swimming pool barrier latches to be fitted where an opening window or door requires features for safety from falling or is within a wall that forms part of a residential pool barrier.
- Finish requirements, no finish requirements applicable for Rehau uPVC Profiles.
- Any special requirements for timber reveals. Default specification is pre-primed finger-jointed radiata pine H3.1 treated, suitable for paint finish.

Installation requirements *(also provide link to the product installation guide)*:

- Ensure that the joinery is protected from dust, debris, and moisture if stored prior to installation.
- Inspect joinery thoroughly before beginning installation to ensure it is free from any defects and damage, including damage caused during transit and delivery.
- Check the dimensions and fit of each unit against the rough opening.
- Install the door in accordance with the consented or design drawings and with Standard Joinery Ltd installation requirements available from www.standardjoinery.co.nz/installation.
- Ensure door and window units are installed plumb, level, and in plane, within the tolerances set out in the **MBIE Guide to materials, tolerances, and workmanship in residential construction**.
- Check and adjust all seals and operating hardware to ensure good fit and proper operation and function without jamming or gaps.
- Ensure drain holes are clear of dirt and debris following installation.

Maintenance requirements *(also provide link to the product maintenance guide)*:

- Exterior surfaces of REHAU uPVC JOINERY should be washed at least once every four months, and more frequently for buildings in harsh environments (eg, close to beaches and coastlines), and for units that are not completely exposed to regular rain washing, such as those which are partly or fully sheltered by eaves, gable verges, porches, verandah roofs, adjacent buildings trees, landscaping or garden features etc.
- All drain holes in REHAU uPVC JOINERY members should also be cleaned every four months to prevent the build-up of dirt or debris that could impede the free passage of air and water.
- All stainless-steel locks and gear, hinges and tracks of REHAU uPVC JOINERY sliding, opening, tilt n turn or tilt and slide units should also inspected, cleaned and lubricated every four months to remove any debris or dirt and to maintain functionality and longevity.
- Interior surfaces of REHAU uPVC JOINERY should be regularly dusted or wiped with a sponge or soft cloth and warm water.
- Handles, catches, and similar hardware on REHAU uPVC JOINERY should be cleaned regularly with a sponge or soft cloth and warm water, mild detergent may be used for powder coated components or use a proprietary cleaning product designed for the hardware finish material.
- Glass surfaces of REHAU uPVC JOINERY may be cleaned with a sponge or soft cloth and warm water with mild detergent, or with proprietary glass cleaning products. Abrasive materials should not be used to clean or wipe glass, as this will cause damage to the glass surface.
- All seals, hinges, stays, rollers and other hardware should be checked annually for proper fit and operation, and to ensure all screws and fixings remain tight.

Is the building product/building product line subject to warning or ban under section 26:

☐ **Yes** ☑ **No**

Date: DD 19 / MM 11 / YYYY 2026