

BPIR Declaration

RENLITA SERIES 3000 VERTICAL BI-FOLD DOOR

DESIGNATED BUILDING PRODUCT

Class 2

DECLARATION

ARA Group NZ Limited, trading as Metalbilt has provided this declaration to satisfy the provisions of Schedule 1(d) of the Building (Building Product Information Requirements) Regulations 2022.

PRODUCT SYSTEM

Renlita Series 3000 Vertical Bifold Door

System identifier:

Renlita Series 3000 Vertical Bifold Door

DESCRIPTION

Metalbilt's Renlita Series 3000 is a two-leafed vertical steel frame bifold door, hinged horizontally and counterweighted for ease of use. The door rises overhead to stack in a folded position under the lintel. Tailored to suit your architectural preferences with a wide range of glazing and cladding material to choose from.

Anti-fall brake in the event of a cable failure.

Doors can also be electrically operated by a compact gearbox with a three phase or single-phase motor.

A wide range of sizing is available.

- Up to a maximum width of 20 metres and maximum height of 10 metres.

Various cladding options available.

Standard finish: Frames and channels are finished with epoxy primed and polyurethane. Glazed door beading can be anodised, or a powder-coat finish.

For further information, go to <https://manufacture.aragroup.co.nz/products/renlita-series-3000/>

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SCOPE OF USE

Renlita Series 3000 are suitable for external use in commercial and industrial buildings to provide vehicle or pedestrian access, or to provide a feature entrance.

Glazing can be used to clad this door; therefore, the Renlita Series 3000 can be used to provide natural light where natural light is required up to 85%.

Renlita Series 3000 doors can be used to provide ventilation up to 50% ventilation.

Renlita Series 3000 can be engineered to suit a wind zone in accordance with AS/NZS 1170.2.2021 and NZS 3604.

Renlita Series 3000 are not fire rated.

CONDITIONS OF USE

Renlita Series 3000 must be installed by a competent and experienced commercial door installer, as per the installation instructions.

Operating instructions must be followed for correct use.

Openings must be designed with minimum requirements given in the technical drawings.

Not to be used where fire ratings are a requirement.

RELEVANT BUILDING CODE CLAUSES

B1 Structure — B1.3.1, B1.3.2, B1.3.3 (a, b, h, j), B1.3.4

B2 Durability — B2.3.1 (b, c)

E2 External moisture — E2.3.2, E2.3.7

F2 Hazardous building materials — F2.3.1, F2.3.3

G4 Ventilation — G4.3.1

G7 Natural light — G7.3.1, G7.3.2

CONTRIBUTIONS TO COMPLIANCE

Structure

These doors are manufactured from strong, durable materials. Account has been taken for relevant physical conditions, including self-weight, imposed gravity loads and impact to ensure the doors can withstand these forces without being compromised. These doors can be engineered in accordance with NZS 4223.3 Glazing in buildings.

Durability

Renlita Series 3000 have a durability of at least 15 years under normal use and correct maintenance conditions.

External Moisture

Renlita Series 3000 are fitted with a bottom bar neoprene weather seal to limit water ingress.

Hazardous Building Materials

Renlita Series 3000 are safe when handled.

Ventilation

Renlita Series 3000 can provide up to 50% ventilation, dependent on chosen cladding.

Natural Light

Renlita Series 3000 can be used to provide up to 85% natural light in areas where natural light is required.

SUPPORTING DOCUMENTATION

Renlita Series 3000 Datasheet

<https://manufacture.aragroup.co.nz/wp-content/uploads/2024/06/Metalbilt-Renlita-Series-3000-Marketing-Flyer.pdf>

For further information supporting Renlita Series 3000 Vertical Bifold Door claims refer to our website.

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CONTACT DETAILS

Manufacture location	New Zealand
Legal and trading name of manufacturer	ARA Group NZ Limited trading as Metalbilt
Manufacturer address for service	26 Timothy Place Auckland 1026
Manufacturer website	https://manufacture.aragroup.co.nz/
Manufacturer email	info.nz@metalbilt.co.nz
Manufacturer phone number	0800 638 252
Manufacturer NZBN	94290 4244 2738

RESPONSIBLE PERSONS

As the responsible person as set out in Regulation 3, 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 Renlita Series 3000 Vertical Bifold Door is not subject to a warning on ban under s26 of the Building Act.

Signed for and on behalf of ARA Group NZ Limited trading as Metalbilt:

ARA GROUP NZ LIMITED TRADING AS METALBILT

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