

BPIR Declaration

AUTOMATIC FIRE CURTAINS

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

Automatic Fire Curtains

System identifier:
Automatic Fire Curtains

DESCRIPTION

Automatic Fire Curtains are a commercial / industrial curtain product specifically designed to provide a fire-resistant barrier to isolate and protect an area of a building from fire damage. These curtains are made from wire reinforced polymer coated glass cloth fabric.

- Tested to BS 476: part 22 and achieved a 4½ hour rating.
- Can withstand temperatures of 1000°C for 270 minutes.
- 3-hour battery backup.
- Head box is made from 1.2mm galvanised steel – stainless is optional and is available with a powder-coated finish.

For further information, go to <https://manufacture.aragroup.co.nz/products/automatic-fire-curtains/>

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SCOPE OF USE

Automatic Fire Curtains are suitable for internal use in commercial and industrial buildings to create a fire-resistant barrier.

Fire ratings to 240 minutes according to BSEN 1634-1

Not suitable to provide natural light or ventilation.

CONDITIONS OF USE

Automatic Fire Curtains must be installed by a competent and experienced commercial fire 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.

Automatic Fire Curtains are 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)

C3 Fire affecting areas beyond the fire source — C3.5, C3.6, C3.7

F2 Hazardous building materials — F2.3.1

CONTRIBUTIONS TO COMPLIANCE

Structure

These curtains 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.

Durability

Automatic Fire Curtains have a durability of at least 5 years under normal use and correct maintenance conditions.

Fire affecting areas beyond the fire source

Fire ratings for Single and Multiple Roller over/under up to 240mins and Multiple Roller side/side up to 120mins.

Hazardous Building Materials

Automatic Fire Curtains are safe when handled.

SUPPORTING DOCUMENTATION

<https://manufacture.aragroup.co.nz/wp-content/uploads/2022/03/Metalbilt-Automatic-Fire-Curtain-Marketing-Flyer.pdf>

Automatic Fire Curtain Datasheet

For further information supporting Automatic Fire Curtains claims refer to our website.

BPIR Declaration

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 Security Roller Grille 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

26 Timothy Place Auckland 1026 New Zealand

0800 638 252 | <https://manufacture.aragroup.co.nz/>