

## 1. Unique identification code of the product-type:

Brand	Yale
Model(s)	Cast Zinc Hinges
Part Number / identifier	30510*, 30520*, 30580*, 30590*, 30450*, 30455*, 30460*, 30400*, 30500*, 30550*, 30575*, 30600*, P0309100*, M21100*, M21101*, 4000*, 5000*, 7000*, 7500*, 7600*
Bar code	N/A
Description/Type	Cast Zinc Hinges
Production type	Batch or mass-produced products
NZ Building Product class	Class 1

## 2. Product description and its intended use(s)

Cast zinc hinges for use in aluminium sections allowing for hinged and bi-folding doors.

Key Features:

- Available in a variety powder coat and plated finishes

Applications:

- Variants available to suit specific aluminium sections, these proprietary hinges are available through the networks of the door manufacturers.
- Options available to suit various doors, including glazed aluminium, entrance, thermally broken and timber doors.

## 3. Place of Manufacture:

Place of Manufacture

- Aotearoa New Zealand       Overseas, see manufacturer section for details

#### 4. Legal and trading name of the manufacturer(s):

ASSA ABLOY New Zealand Ltd.

##### Address for Service

Street name and number	6 Armstrong Road
Suburb	Albany
Region/state	Auckland
Country	New Zealand
Post code	0632
Website	<a href="https://www.assaabloy.com/nz/en">https://www.assaabloy.com/nz/en</a>
Email	<a href="mailto:nzsales@assaabloy.com">nzsales@assaabloy.com</a>
Phone	+64 (09) 448 9188
Business number	NZBN: 9429036762194

#### 5. Legal and trading name of the importer (if applicable):

##### Address for Service

Street name and number	
Suburb	
Region/state	
Country	
Post code	
Website	
Email	
Phone	
Business number	

#### 6. Relevant Building Code clauses:

Standard	Clause(s)
	B2 Durability – Performance Clause B2.3.1 (c) D1 Access Routes – Performance Clause D1.3.1 (b) H1 Energy Efficiency – Performance Clause H1.3.1 (b)

## 7. Statement on how the building product is expected to contribute to compliance.

B2.3.1 (c) Cast zinc hinges are tested to a 100,000 cycle count. This exceeds the normal use over a 5 year period and any failure of the product would be easily detected and is easy to replace.  
D1.3.1 (c) Cast zinc hinges are used to mount hinged doors allowing people to enter buildings.  
H1.3.3 (c) Cast zinc hinges allow doors to form a weathertight seal by controlling the distance between the door panel and the frame and therefore ensuring seal compression contributing to the airtightness of the building envelope.

## 8. Limitations on the use of the building product:

Only to be used for hinged door applications and in hinge configurations suitable for the weight of the door panel.  
Can only be used in the sections in which they were designed for as the hinge plates are contoured to fit the aluminium.

## 9. Design requirements that would support the appropriate use of the building product.

Consult door system supplier for hinge installation details including recommended hinge configuration based on door size.

## 10. Installation requirements

Must be installed in accordance with the instructions

## 11. Maintenance requirements

N/A

## 12. Is the building product/building product line subject to warning or ban under section 26 of the Building Act 2004?

Yes  No

If yes, description of the warning or ban under section 26

N/A

## 13. Date

Date of document completion (day/month/year)

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