

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

Brand	PC Henderson
Model(s)	Tangent 290 S&D, 301 S&D, 301HS & HD and 305 S
Part Number / identifier	Tangent External Folding
Bar code	N/A
Description/Type	Sliding Door Hardware
Production type	Batch or mass-produced products
NZ Building Product class	Class 1

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

A comprehensive range of seven systems for residential, commercial or industrial folding partitions where weather proofing to the head and sill of the opening may be required.

Key Features:

- To accommodate different building designs, leaves can fold to one or both sides of the opening and can be stacked behind a reveal if required
- To cover any width of opening, any number of folding doors can be used
- Deluxe fittings available in polished or satin anodized aluminium finishes

Applications:

- 4 systems available to suit door leaves up to 80kg

Specification	Maximum Door Weight (kg/lbs)	Minimum Door Thickness (mm/in.)	Maximum Door Thickness (mm/in.)	Maximum Door Width (mm/in.)	Maximum Door Height (mm/in.)
290 S&D	35kg/77lbs	35mm /1 <sup>3</sup> / <sub>8</sub> "	50mm /2"	900mm /35 <sup>7</sup> / <sub>16</sub> "	2400mm /94 <sup>1</sup> / <sub>2</sub> "
301 S&D	55kg/121lbs	45mm /1 <sup>3</sup> / <sub>4</sub> "	55mm /2 <sup>1</sup> / <sub>8</sub> "	900mm /35 <sup>7</sup> / <sub>16</sub> "	3300mm /130"
301HS & HD	70kg/154lbs	45mm /1 <sup>3</sup> / <sub>4</sub> "	55mm /2 <sup>1</sup> / <sub>8</sub> "	900mm /35 <sup>7</sup> / <sub>16</sub> "	3600mm /141 <sup>3</sup> / <sub>4</sub> "
305 S	80kg/176lbs	45mm /1 <sup>3</sup> / <sub>4</sub> "	55mm /2 <sup>1</sup> / <sub>8</sub> "	900mm /35 <sup>7</sup> / <sub>16</sub> "	4500mm /177"

## 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):

PC Henderson Ltd.

#### Address for Service

Street name and number	Durham Road
Suburb	Bowburn
Region/state	County Durham
Country	United Kingdom
Post code	DH6 5NG
Website	<a href="https://www.assaabloy.com/vn/en">https://www.assaabloy.com/vn/en</a>
Email	<a href="https://www.assaabloy.vn/en/contact-us">https://www.assaabloy.vn/en/contact-us</a>
Phone	+44 (0) 191 377 0701
Business number	

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):**

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

**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) (c)

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

B2.3.1 (c) The PC Henderson Tangent hardware has been tested and has an expected life in excess of 5 years of normal use and failure of the hardware would be easily detected during normal use.  
D1.3.1 (b) (c) The PC Henderson Tangent hardware allows for external folding doors which can be used as entrance doors allowing people to enter buildings.

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

For use on sliding doors only.

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

Must be used within the applications and door size limits as laid out.  
Consult the PC Henderson catalogue for further information, available at [Catalogue Centre | ASSA ABLOY](#)

## 10. Installation requirements

Must be installed in accordance with the instructions provided.

## 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)

0	6	1	2	2	0	2	3
---	---	---	---	---	---	---	---