

# SAB Building Product Information Sheet

Version 1.1 – Issued 20/09/24

## Product

<b>Product name</b>	Self-Aligning Bend
<b>Product type</b>	Ductwork elbow
<b>Product Identifiers</b>	SAB

## Product description and intended use

- SABs are for use with Rigid Spiroloc ductwork.
- Each bend consists of four segments which can be independently twisted with respect to the adjacent segment, giving either offset or any angle from 90° to 180°.
- The bends are crimped on both ends to insert into standard Spiroloc ducting.
- Each bend is made from 0.55mm galvanised steel.
- SABs are designed for low pressure systems where the joints should be sealed with duct tape once the angle has been set.

## Relevant NZBC clauses

- Clause B2 Durability: Performance B2.3.1 (c) 5 Years
- Clause H1 Energy Efficiency: Performance H1.3.6

## Contributions to compliance with NZBC

- **B2:** The lifespan of the Self-Aligning Bend will vary based on the environment they are installed in. For a standard HVAC installation, a Self-Aligning Bend would provide a durability of a minimum of 5 years. Excessively corrosive or harmful environments or exposure to fire, heat or water will reduce the lifespan.
- **H1:** The upstream connection to ductwork bends, elbows and tees in the index run must have an equivalent diameter to the connected duct.
- **H1:** Turning Vanes must be included in all rigid ductwork elbows of 90° or more acute than 90° in the index run except where they present a fouling risk or they have a long radius bend in accordance with AS4254.2.

## Conditions and limitations of use

- Self-Aligning Bends should be specified by a suitably qualified engineer.
- Self-Aligning Bends should be installed by a suitably qualified and trained tradesperson.

## Warnings and bans

Self-Aligning Bends are **not** subject to a warning or ban under section 26 of the Building Act 2004.

## Installation details and product datasheet

The Self-Aligning Bends product datasheet and installation details can be found on our [website](#).

## Maintenance requirements

N/A

## Manufacture details

### Manufacture location

China

### Designed and imported by

Price Holyoake (NZ) Ltd T/A Holyoake Air Management Solutions by Price  
9429048831215

### Importer NZBN

### Importer website

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## Declaration

Price Holyoake (NZ) Ltd has provided this declaration to satisfy the provisions of Schedule 1(d) of the Building (Building Product Information Requirements) Regulations 2022.

## Version History

Version number	Written by	Date issued	Changes from previous document
V1.0	ST	12/06/24	First issue
V1.1	ST	20/09/24	Updated Christchurch Address and website URL