

AHL-ST Building Product Information Sheet

Version 1.1 – Issued 20/09/24

Product

Product name	Acoustic Horizontal Louvre Sound Trap
Product type	Louvre Sound Traps
Product Identifiers	AHL-ST

Product description and intended use

- The AHL-ST is a modular sound trap that can be added to the rear of louvres to increase their acoustic properties.
- The AHL-ST comes standard in a black anodised finish.

Relevant NZBC clauses

- Clause B2 Durability: Performance B2.3.1 (c) 5 Years
- Clause E2 External Moisture: Performance E2.3.2, E2.3.3
- Clause H1 Energy Efficiency: Performance H1.3.6

Contributions to compliance with NZBC

- **B2:** The lifespan of the AHL-ST will vary based on the environment it is installed in. For a standard HVAC installation, the AHL-ST would provide a durability of a minimum of 5 years. Holyoake provides a 5-year warranty with all their outdoor louvres. Excessively corrosive or harmful environments or exposure to fire, heat or water will reduce the lifespan of the AHL-ST.
- **E2:** Holyoake offer untested installation details to E2 which include the use of head and sill flashings. Installation must consider limiting water ingress as much as possible. The polyester acoustic insulation used is extremely hydrophobic which eliminates any likelihood of absorbing groundwater.
- **H1:** When installed in a commercial building and the primary louvre is used as an intake, the louvre and AHL-ST combination must be designed to have a maximum pressure drop of 50 Pa.

Conditions and limitations of use

- The AHL-ST should be specified by a suitably qualified mechanical based on the required acoustic performance.
- The AHL-ST should be installed by a suitably qualified and trained tradesperson.

Warnings and bans

The AHL-ST is **not** subject to a warning or ban under section 26 of the Building Act 2004.

Installation details and product datasheet

The AHL-ST product datasheet and installation details for multiple different wall or floor construction types can be found on our [website](#).

Maintenance requirements

There are no specific maintenance requirements other than ensuring that the sound traps are free of obstructions or debris.

Manufacturer details

Manufacture location	New Zealand
Manufacturer legal and trading name	Price Holyoake (NZ) Ltd T/A Holyoake Air Management Solutions by Price
Manufacturer NZBN	9429048831215
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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	Completed by	Date issued	Changes from previous document
V1.0	ST	11/06/24	First issue
V1.1	ST	20/09/24	Updated Christchurch Address and website URL