

Deflection Grilles Building Product Information Sheet

Version 1.1 – Issued 20/09/24

Product

Product name	Single/Double Deflection Grilles
Product type	Grilles
Product Identifiers	DDL/DDS/SDL/SDS

Product description and intended use

- The DD and SD are sidewall deflection grilles with either two sets or one set of deflection blades respectively.
- The DD and SD have high free area and therefore can handle high air flow capacities while giving good throws.
- Both variations are custom made to order from aluminium.
- These grilles are available with a 25mm flange which is compatible with the removable core system.
- Optional opposed blade dampers are available and are custom made to fit over the neck of each diffuser.
- The L code suffix specifies front bladers along the long size whereas the S suffix denotes the front blades along the short side.

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 DD/SDs will vary based on the environment it is installed in. For a standard HVAC installation, the DD/SDs 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 of the DD/SDs.
- **H1:** When installed in a commercial building as a supply diffuser the DD/SDs must be designed to have a maximum pressure drop of 40Pa.
- **H1:** When installed in a commercial building as an exhaust grille the DD/SDs must be designed to have a maximum pressure drop of 30Pa.

Relevant standards

- N/A

Conditions and limitations of use

- The DD/SDs should be specified by a suitably qualified engineer.
- The DD/SDs should be installed by a suitably qualified and trained tradesperson.

Warnings and bans

The DD/SDs is **not** subject to a warning or ban under section 26 of the Building Act 2004.

Installation details and product datasheet

The DD/SDs product datasheets and installation details can be found on our [website](#).

Maintenance requirements

N/A

Manufacture details

Manufacture location	New Zealand
Manufactured by	Price Holyoake (NZ) Ltd T/A Holyoake Air Management Solutions by Price
Manufacturer NZBN	9429048831215
Manufacturer website	Holyoake.com
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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	Created 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