

# Deflection Grilles Building Product Information Sheet

Version 1.0 – Issued 11/06/24

## Product

<b>Product name</b>	Single/Double Deflection Grilles
<b>Product type</b>	Grilles
<b>Product Identifiers</b>	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

<b>Manufacture location</b>	New Zealand
<b>Manufactured by</b>	Price Holyoake (NZ) Ltd T/A Holyoake Air Management Solutions by Price
<b>Manufacturer NZBN</b>	9429048831215
<b>Manufacturer website</b>	<a href="http://Holyoakebyprice.nz">Holyoakebyprice.nz</a>
<b>Auckland address for service</b>	67 Greenmount Drive, East Tamaki, Auckland 2013
<b>Auckland office email</b>	Auckland@holyoake.com
<b>Auckland office phone number</b>	(09) 274 4144
<b>Wellington address for service</b>	89 Main Road, Tawa, Wellington 5028
<b>Wellington office email</b>	Wellington@holyoake.com
<b>Wellington office phone number</b>	(04) 232 2722
<b>Christchurch address for service</b>	27 Waller Terrace, Addington, Christchurch 8011
<b>Christchurch office email</b>	Christchurch@holyoake.com
<b>Christchurch office phone number</b>	(03) 366 6545

## 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

<b>Version number</b>	<b>Created by</b>	<b>Date issued</b>	<b>Changes from previous document</b>
V1.0	ST	11/06/24	First issue