

CPSS Building Product Information Sheet

Version 1.1 – Issued 20/09/24

Product

Product name	Perforated Supply Diffuser - Secure
Product type	Perforated Ceiling Diffusers
Product Identifiers	CPSS

Product description and intended use

- The CPSS Perforated Supply Diffuser Secure is designed for highly secure, heavy-duty construction for a medium to high level of security.
- The CPSS has 2mm or 3mm diameter holes for 30% or 40% free area supplied with a 4mm thick aluminium surround. The corners of the CPSS are mitred and welded and the fixings include a 3mm thick aluminium spacers.
- Applications for the CPSS include a ceiling or wall application supply diffuser or return if required.
- Compatible with our premi-aire or sheet metal boxes.
- Exact neck sizes include 300 x 300mm up to 600 x 600mm.

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

Relevant standards

- N/A

Conditions and limitations of use

- The CPSS should be specified by a suitably qualified engineer.
- The CPSS should be installed by a suitably qualified and trained tradesperson.

Warnings and bans

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

Installation details and product datasheet

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

Maintenance requirements

N/A

Manufacture details

Manufacture location**Manufactured by****Manufacturer NZBN****Manufacturer website****Auckland address for service****Auckland office email****Auckland office phone number****Wellington address for service****Wellington office email****Wellington office phone number****Christchurch address for service****Christchurch office email****Christchurch office phone number**

New Zealand

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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	Approved by	Date issued	Changes from previous document
V1.0	HF	ST	17/06/24	First issue
V1.1	ST	ST	20/09/24	Updated Christchurch Address and website URL