

CPMS Building Product Information Sheet

Version 1.1 – Issued 20/09/24

Product

Product name	Perforated Maximum Security Diffuser
Product type	Perforated Ceiling Diffusers
Product Identifiers	CPMS

Product description and intended use

- The CPMS Perforated Maximum Security Diffuser is designed for heavy duty construction for maximum security prisons.
- The CPMS has 2mm diameter holes for 22% free area supplied with a 3mm stainless mounting frame with all required holes for installation.
- Nominal sizes include 200 x 200mm and 250 x 250mm.

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

Relevant standards

- Our CPMS has received a Grade 2 rating according to ASTM F2542-05 as tested by BRANZ. The test certificate is available on our website.

Conditions and limitations of use

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

Warnings and bans

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

Installation details and product datasheet

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

Maintenance requirements

N/A

Manufacture details

Manufacture location	New Zealand/China
Manufactured by	Price Holyoake (NZ) Ltd T/A Holyoake Air Management Solutions by Price
Manufacturer NZBN	9429048831215
Manufacturer website	Holyoake.com
Auckland address for service	67 Greenmount Drive, East Tamaki, Auckland 2013
Auckland office email	Auckland@holyoake.com
Auckland office phone number	(09) 274 4144
Wellington address for service	89 Main Road, Tawa, Wellington 5028
Wellington office email	Wellington@holyoake.com
Wellington office phone number	(04) 232 2722
Christchurch address for service	81 Treffers Road, Wigram, Christchurch 8042
Christchurch office email	Christchurch@holyoake.com
Christchurch office phone number	(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

Version number	Completed by	Approved by	Date issued	Changes from previous document
V1.0	HF	ST	14/06/24	First issue
V1.1	ST	ST	20/09/24	Updated Christchurch Address and website URL