

ECOPHON SOMBRA GLASSWOOL CEILING TILES

PRODUCT TYPE AND APPLICATION

Ecophon Sombra™ is a matte black, suspended wall-to-wall ceiling system designed for social venues such as cinemas, bars, and nightclubs.

It provides high acoustic performance (Absorption Class A) and is available in 600×600×15 mm and 1200×600×15 mm formats.

The tiles are installed in an exposed grid system and are individually demountable.

COMPLIANCE WITH THE NEW ZEALAND BUILDING CODE

When correctly specified and installed, the product meets or contributes to compliance with the following performance requirements of the building code.

B1 Structure B1.3.1, B1.3.2, B1.3.3 (a, f, m), B1.3.4

Ecophon Sombra™ panels are robust and rely on installation in a suspension system for seismic resistance and movement.

B2 Durability B2.3.1 (c)

Durable with a well-established in-service history.

C3 Fire Affecting Areas Beyond The Fire Source

C3.4(a) - Classified A2-s1,d0 according to EN 13501-1. Non-combustible glass wool core.

F2 Hazardous Building Materials

F2.3.1 – Does not contain any substance that will give rise to harmful concentrations at the surface or in the atmosphere.

BASIS OF COMPLIANCE

- Acceptable Solutions and Verification Methods for NZBC Clause B1 Structure First edition (Amendment 21), 2 November 2023
- Acceptable Solutions and Verification Methods for NZBC Clause B2 Durability Second edition (Amendment 12), 28 November 2019
- C/AS2 Acceptable Solution for Buildings other than Risk Group SH for NZBC Clauses C1–C6 Protection from Fire (2nd Edition), 2 November 2023

CONDITIONS OF STORAGE, USE & MAINTENANCE

- Store tiles dry, preferably indoors.
- If stored outdoors, keep off the ground and protected from weather.
- Avoid sagging by storing horizontally on a level platform or full-width support members spaced at max. 600mm centres.
- Install only in sealed buildings.
- Replace panels damaged by water.
- Weekly dusting and vacuum cleaning recommended.

LIMITATIONS OF USE

- Suitable for use in all areas of buildings of all Classified Uses.
- Not subject to any warning or ban declared by MBIE under section 26 of the Building Act 2004.
- Not recommended for environments with prolonged exposure to direct moisture or outdoor conditions.

SPECIFIC DESIGN OR INSTALLATION INSTRUCTIONS

- Install in accordance with Ecophon product datasheets and installation instructions.
- Follow directional arrows on the back of tiles during installation
- Guidance on suspended ceiling design and installation may also be found in the AWCI Code of Practice
- Additional documentation available at www.ecophon.com

Product Datasheet:

<https://potters.co.nz/product-collection/ecophon-ceiling-tiles/>

For Product Datasheets And Specification Manuals.
www.potters.co.nz 0800POTTERS

ISSUE 1 16.09.2025