

THERMATEx MINERAL FIBRE CEILING TILES

PRODUCT TYPE AND APPLICATION

Thermatex mineral fibre ceiling tiles are a range of ceiling panels for use typically in suspended ceiling grids. They are available in a wide range of acoustic performance specifications and finishes.

Applications within the range include offices, meeting rooms, libraries, classrooms, lecture theatres, open plan commercial applications, hospitals, medical facilities and clean rooms, including PC1 and 2 laboratories, hygiene and healthcare environments, swimming or hydrotherapy pools, laboratories, locker or shower areas, healthcare environments, treatment rooms, intensive care units.

The versatile range features:

- Thermatex Acoustic
- Thermatex Acoustic Medical
- Thermatex Alpha HD19, HD30, HD35
- Thermatex Alpha One
- Thermatex Antaris A
- Thermatex Aquatec Medical
- Thermatex Fissura
- Thermatex Star
- Thermatex Thermofon + Thermatex Thermofon Black
- Thermatex Thermoaclean

Detailed information is provided on product specific technical datasheets referenced below, and available from the website www.potters.co.nz.

COMPLIANCE WITH THE NEW ZEALAND BUILDING CODE

When correctly specified & 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 - Thermatex ceiling panels are robust, band impact resistant. They rely on installation in a suspension system for compliance with B1 Structure for seismic resistance and movement.

B2 Durability B2.3.1 (c)– Thermatex ceiling panels are durable with a well-established in-service history.

C3 Fire Affecting Areas Beyond The Fire Source

C3.4(a) - Thermatex ceiling panels have a Material Group Number of 1-S. (Thermatex Thermoaclean is classified Euroclass A2-s3, d0 to EN 13501-1 and deemed to be Material Group Number 1).

F2 Hazardous Building Materials

F2.3.1 – Thermatex ceiling panels do not contain any substance that will give rise to harmful concentrations at the surface of the material where the material is exposed or in the atmosphere of any space.

BASIS OF COMPLIANCE

- Acceptable Solutions and Verification Methods for New Zealand Building Code Clause B1 Structure First edition (Amendment 21), 2 November 2023
- Acceptable Solutions and Verification Methods for New Zealand Building Code Clause B2 Durability Second edition (Amendment 12), 28 November 2019
- C/VM1 Verification Method for Solid Fuel Appliances C/AS1 Acceptable Solution for Buildings with Sleeping (residential) and Outbuildings (Risk Group SH) For New Zealand Building Code Clauses C1-C6 Protection from Fire (2nd Edition), 2 November 2023
- C/AS2 Acceptable Solution for Buildings other than Risk Group SH for New Zealand Building Code Clauses C1-C6 Protection from Fire First edition (Amendment 3), 2 November 2023

Conditions of Storage, Use & Maintenance

- All materials must be kept dry, preferably stored inside. If stored outside, panels must be stored off the ground, stacked as detailed and protected from the weather.
- Care should be taken to avoid sagging or damage to ends, edges and surfaces of boards.
- All Thermatex panels must be stacked flat, properly supported on a level platform or on support members which extend the full width of the boards and which are spaced at a maximum of 350 mm.
- Buildings should be sealed against water ingress before Thermatex ceiling panels are installed. It is recommended that panels damaged by water are replaced.

Limitations of Use

- Thermatex ceiling panels are suitable for use in all areas of buildings of all Classified Uses. (Note: Thermoaclean panels are suitable for use in all areas of buildings of all Classified Uses protected with an automatic fire sprinkler system).

Specific Design or Installation Instructions

- Fabricate and install in accordance with the specific Thermatex product datasheets and applicable Installation & Maintenance Instructions.
- Guidance on the design and installation of suspended ceilings may also be found in the AWCI Code of Practice (<https://awci.org.nz/wp-content/uploads/AWCI-Code-of-Practice-COP-for-Internal-Wall-and-Partitions.pdf>)

| Product | Product Datasheet |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Thermatex Acoustic | https://potters.co.nz/product-collection/thermatex-acoustic/ |
| Thermatex Acoustic Medical | https://potters.co.nz/product-collection/amf-thermatex-db-acoustic-24mm/ |
| Thermatex Alpha HD 19 | https://potters.co.nz/product-collection/amf-thermatex-alpha-hd/ |
| Thermatex Alpha HD 30 | https://potters.co.nz/product-collection/amf-thermatex-alpha-hd/ |
| Thermatex Alpha HD 35 | https://potters.co.nz/product-collection/amf-thermatex-alpha-hd/ |
| Thermatex Alpha One | https://potters.co.nz/product-collection/amf-thermatex-alpha-one/ |
| Thermatex Antaris A | https://potters.co.nz/product-collection/amf-thermatex-antaris-a/ |
| Thermatex Aquatec Medical | https://potters.co.nz/product-collection/amf-thermatex-aquatec/ |
| Thermatex Fissura | https://potters.co.nz/product-collection/amf-thermatex-fissura/ |
| Thermatex Star | https://potters.co.nz/product-collection/amf-thermatex-star/ |
| Thermatex Thermofon | https://potters.co.nz/product-collection/amf-thermatex-thermofon-nrc-0-85/ |
| Thermatex Thermofon Black | https://potters.co.nz/product-collection/amf-thermatex-alpha-black/ |
| Thermatex Thermoaclean | https://potters.co.nz/product-collection/amf-thermatex-thermoaclean-s/ |

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



ISSUE 1 22.11.2023