**Fenta Ceiling Tile - Specification Details for Architects and Specifiers**

*Copy and drop Fenta Ceiling Tile specs into your building brief*

1. **GENERAL INFORMATION**

**Fenta Ceiling Tiles are designed and manufactured by ANZAL (Australian New Zealand Architectural Lines)**

For more information, contact 0800 ANZAL1 (0800 269 251) or email sales@anzal.com

* 1. COMPOSITION

Hard-wearing pre-finished ceiling tile with high gloss, non-scratchable and highly reflective polyurethane coating.

MAKE-UP

* 1. Substrate: 4.5mm James Hardie fibre cement substrate (cellulose fibre, Portland cement, ground sand and water)

Face Surface: primer coat plus one coat of UltraLight™ Technology white polyurethane, UV-cured full-gloss finish.

Back Surface and edges: sealed with primer coat

* 1. USAGE
* Retail fit-outs
* Commercial kitchens
* Hospitals & healthcare environments
* Hotels
* Laundries and utility spaces
* Swimming pools and sports complexes

**2. MASS & DIMENSIONS**

Nominal Dimensions and Mass

Tile Length: 1195 mm

Tile Width: 595 mm

Thickness: 4.5 mm

Weight: 5.04kg

Approximate Mass at EMC = 6.3kg/m2

Note: all dimensions given are subject to manufacturing tolerances and the thickness given is the bottom of this tolerance range.

1. **DURABILITY**
	* Hardwearing, scratch resistant
	* Highly durable – using state-of-the-art UV technology and a high temperature steam process called *autoclaving*. Autoclaving is a system of sterilising materials by subjecting them to high-pressure saturated steam.
	* Meets all current domestic and overseas hygiene regulations when installed correctly.
2. **HYGIENE**
	* Impervious to moisture
	* Will not support mould and mildew growth
	* Will not rot or be affected by corrosion, borer or vermin
	* High gloss surface ensures easy to clean (see Cleaning & Care Instructions)
3. **FIRE SAFETY**
	* Fenta Ceiling Tiles tested by BRANZ to the testing procedures outlined in ISO 5660: (2002).
	* In accordance with NZBC Verification Method C/VM2 Appendix A.
	* Group Number classification **1-S**, highest level in NZ Building Code Standards.
	* Hardiflex, the James Hardie product that Fenta Ceiling Tiles coat with its UltraLight™ Technology, will not burn and has the following “Early Fire Hazard Indices” (tested as AS 1530 Part 3 1982).

Ignitability Index 0

Spread of Flame Index 0

Heat Evolved Index 0

Smoke Developed 0

Maximum service temperature for the base sheet and the coating is 105°C

The Early Fire Hazard Indices of the finished painted sheet are as follows:

Spread of Flame 0

Smoke Developed Index 3

**6. HANDLING AND STORAGE**

 6.1 Fenta Ceiling Tiles should be stacked on a smooth level surface. Carry ceiling tiles on edge.

6.2 It is essential to store under cover and keep dry prior to fixing. Ceiling Tiles are placed in pairs face to face with polythene interlevers.

6.3 The tiles are designed with a unique protective film that protects the product from manufacture to install. The film should be removed prior to fitting – it can be peeled away easily from the polyurethane.

**7. INSTALLATION**

7.1 Fenta Ceiling Tiles are designed to be installed in two-way exposed suspended ceiling systems.

7.2 Clips are not generally required for Fenta Ceiling Tiles due to their light weight, however they may be specified in environments where:

1.       Draft or wind may potentially lift the tile

2.       When used as part of a Fire-Rated solution

3.       In areas where there may be seismic activity.

In such environments, consult your architect/designer for their recommendation.

7.3 If clips are required, the minimum clip should be one to each corner of the tile and one in the centre of each long span.

7.4 If required, the ceiling tiles can be sealed down to the grid to give positive air and vapor seals using a 10mm x 3mm strip of white Inseal 4254 bonded to the horizontal of the grid. The tile is then clipped down to give a positive seal.

7.4 When different heat conditions apply to the underside to the tile and cavity above a fibreglass batt, a minimum of 50mm thick is recommended to help insulate the tile from extreme temperature.

**8. CLEANING AND CARE**

8.1 Fenta Ceiling Tiles are easy to clean – the surface can be cleaned with a damp cloth. For more stubborn marks, use a non-abrasive domestic cleaner.

8.2 To remove dirt and soap build-up, wipe down the tiles with Polycell Sugar Soap or kerosene on a damp cloth.

**9. WARRANTY**

Fenta Ceiling Tiles come with a 10-year manufacturers warranty. See [www.anzal.com](http://www.anzal.com).

**10. DISTRIBUTORS**

Fenta Ceiling Tiles are available through T&R Interior Systems, Forman Building Systems and Potter Interior Systems.

**11. DOCUMENTS**

Further manufacturer’s documentation on the Fenta Ceiling Tile are:

* Fenta Ceiling Tile Brochure
* Fenta Ceiling Tile Product Data Sheet
* Fenta Ceiling Tile MSDS
* Fenta Ceiling Tile Product Appraisal
* Fenta Ceiling Tile Maintenance Doc

Copies of these are available online at [www.anzal.com](http://www.anzal.com).

**12. CUSTOMER SERVICE**

For pricing, assistance or further information, contact ANZAL: 0800 ANZAL1 (0800 269 251), email sales@anzal.com or visit www.anzal.com.