



# HARDIGLAZE CEILING TILES

## PRODUCT CHARACTERISTICS

Hardiglaze Ceiling Tiles are 4mm thick Hardiflex base tile coated with a two-pack white (non yellowing) polyurethane finish suitable for usage in a suspended two-way ceiling grid in a 1200x600mm module.

## COMPOSITION

- Cellulose Fibre
  - Portland Cement
  - Ground Sand and Water
- Surface Coating:  
Face Surface – a primer coat and two coats Polyurethane full gloss finish.  
Reverse face and edges sealed with primer coat  
The polyurethane coating is:
- Hard wearing and scratch resistant
  - Easy to clean – just wipe the surface with a damp cloth
  - More stubborn marks can be removed with a non-abrasive domestic cleaner. To remove dirt and soap build up, Hardiglaze can be wiped down periodically with Polycell Sugar Soap or kerosene on a damp cloth
  - Completely impervious to moisture and will not support mould growth.

## DURABILITY

Hardiglaze Ceiling Tiles are high-pressure steam cured, will not rot and are unaffected by corrosion, borer or vermin.

Within the normal range of applications, the life of the product is limited only by the durability of the supporting structure and the materials used in the fixing.

Hardiglaze Ceiling Tiles have excellent durability, hardness and chemical resistance, and meet all current domestic and overseas hygiene regulations, when installed correctly.

## FIRE PROPERTIES

Hardiflex, the Hardiglaze base sheet 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

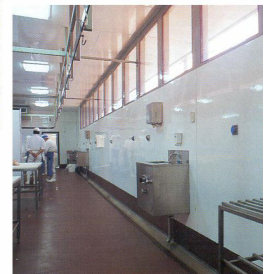
## MASS & DIMENSIONS

Nominal Dimensions and Mass

Hardiglaze Ceiling Tiles	
Tile Length	1195mm
Tile Width	95mm
Thickness	4.0mm

Approximate Mass at EMC = 6.3kg/m<sup>2</sup>

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



## HANDLING AND STORAGE

Hardiglaze ceiling tiles should be stacked on a smooth level surface. Edges and corners should be protected from possible damage. Carry ceiling tiles on edge.

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.

## INSTALLATION DETAILS

Hardiglaze Ceiling should be installed in Rondo duo two way exposed suspended ceiling systems. Rondo Duo Exposed Ceiling grid system must be fully braced to resist seismic forces and the tiles clipped down with a suitable clip. The complete suspension system is to fully comply with the requirements of NZ 4203: 1992 – General Structure Design and Design Loadings for Building and NZAS 2785 2000 Suspended Ceiling Design and Installation.

Hardiglaze Ceiling Tiles must be clipped the minimum clip to be one to each corner of the tile and one in the center of each long span.

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.

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

The information in this leaflet is issued in good faith.

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