

**Plastercraft...**  
**all the desirable properties**  
**none of the drawbacks.**

**Technical data**

**General:** Plastercraft fibrous plaster ceiling tiles and decorative panels are manufactured with gypsum plaster used for building purposes AS 2592.

Being manufactured from gypsum plaster reinforced with chopped fibreglass rovings they are rigid and cannot bow or sag. All visible surfaces are smooth or have a sandblasted finish.

**Colour:** Gypsum plaster provides a natural white finish, with some variations from batch to batch.

In use Plastercraft tiles and panels may be left in their natural state or painted to the desired colour using a sealer coat and two top coats of PVA paint or two coats of alkyd flat enamel paint

Plastercraft offer a design service to provide special sized modules and/or unique surface patterns to enhance the design and individuality of a building.

**Dimensions:** Ceiling tiles are manufactured to suit a standard suspension grid of 600 x 600mm and have an overall thickness of 35mm. Decorative panels are manufactured to fit either a suspension grid of 1200mm x 600mm or 600mm x 600mm. Panels have a nominal thickness of 12.5mm and are rebated on all four edges.

**Acoustic properties:** Two treatments are available which provide Plastercraft tiles with acoustic properties which comply with or exceed building design requirements.

1. Tiles can be backed with fibreglass acoustic batts and sealed with kraft paper glued to the tile margins.
  2. The tiles are sealed with a layer of fibrous plaster cast over the tile during manufacture to increase the sound transmission coefficient rating through the tile.
- A further treatment where quality of appearance is the over-riding requirement is to seal perforations in the tiles with a skim coat of plaster.



**Tile Edge Detail**



Concealed



Exposed 1 way,  
 exposed 2 way



Exposed 1 way butt edge

**Thermal properties:**

Extra thermal insulation can be achieved with Plastercraft acoustic tiles which incorporate a fibreglass batt. Depending on the density and thickness of the batt, thermal resistance will vary from R0.358 to R0.633

**Seismic requirements:**

The ceiling system has been designed to comply with the requirements of the NZ Building Code NZS 4203:1984

**Fire resistance:**

No combustible materials are used in the manufacture of Plastercraft ceiling tiles and decorative panels except where kraft paper is used to contain fibreglass batts.

**TECHNICAL SPECIFICATIONS**

