

**HCD internal  
cladding range**

**Hygienic Ceilings**

**HygienaClad**

**Antimicrobial hygienic cladding  
for all environments.**

## Product Overview

Ceiling systems provide a maintainable solution for general and food preparation areas, ideal for hygienic and wet areas.

The ceiling system is a 9mm plank system with double PVC skins, linked with PVC fins to form a rigid durable plank. As an interlocking system (Tongue and Groove) it provides almost a maintenance free surface that can be hosed down in situ allowing it to be used in most applications.

## Typical Applications

- Commercial Kitchens
- Laboratories
- Pharmaceutical areas
- Food manufacturing areas
- Shower / Toilet / Changing facilities
- Health care environments

## Installation

The Planks can be fitted to a variety of ceiling substrates and is mechanically fixed using wafer headed screws in the plank tongue providing an invisible fixing.

The ceiling substrate should be;

- Timber Joists / Timber Battens / PVCu battens / Galvanised Steel Battens / Plywood / MDF or Plasterboard all with fixings at a maximum of 600mm centres.
- Where the ceiling is a concrete soffit, these will need to be battened with one of the above to provide fixings at a maximum of 600mm centres.

*With fixing at maximum of 600mm centres allows traditional ceiling grids to be used as a fixing substrate.*

- Battens are also required around the perimeter of the room for the perimeter trim

## Jointing

Ceiling plank systems come in a variety of lengths, and generally it is installed to provide the minimum number of joins. In a long rectangular room the planks are normally fitted across the width of the room if the width of the room is shorter than the maximum length of plank available. Where this is not possible a colour matched 'H' jointing profile is used.

*A single / two part perimeter trim is used to provide an aesthetically pleasing finish detail and to minimise any ingress between the two skins.*

## Forming

Where the ceiling system needs to be formed around ceiling details such as beams / bulkheads then colour matched internal / external corners are used as thermoforming of ceiling plank systems is not possible.

## Cleaning

Ceiling systems should be cleaned regularly using a soft cloth and a diluted mild detergent (as per product instructions).

Stubborn marks can be removed using PVCu cleaner or a non abrasive cream bath cleaner.

- Do Not use abrasive pads or wire wool**
- Do Not clean above 60°C**
- Cleaning cards are available**

## Availability

Ex Stock

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## Product Specification

Property	Value
Colour	White
Surface Finish	Satin
Plank Thickness	9.0mm
Plank Width	250mm
Plank Length	3.0m
	4.0m
	5.0m (Special order only)
	6.0m (Special order only)
Weight	2.3kg per m <sup>2</sup>
Maximum Service Temperature	60°C

## Specification

## Standards & Properties

Property	Standard	Values
Density (g/cm <sup>3</sup> )	DIN 53479	1.5
Thermal Conductivity (W/m.K)	DIN 53481	0.15
Coefficient of thermal expansion (m/m.K)	DIN 53752	5x10 <sup>-5</sup>
Vicat Softening point VST/B (°C)	DIN 53460	83
Moisture vapour transmission rate (MVTR)	ASTM E96	0.312g/m <sup>2</sup> /24hrs
Water vapour resistivity	ASTM E96	0.42 x 10 <sup>5</sup> GN.S/Kg.m
Flammability		
Surface spread of flame	BS476 Part 7 1987	Class 1
Fire Propagation	BS476 Part 6 1989	Class 0*

(\*When fitted to a non-combustible substrate)

### Contact Us:

55 Atherton Road  
Clayhall, Ilford  
Essex  
IG5 0PQ

Sales Tel : 020 8220 7680  
Office Fax : 020 8711 2711  
Web Site : [www.hygienaclad.co.uk](http://www.hygienaclad.co.uk)  
email : [info@hygienaclad.co.uk](mailto:info@hygienaclad.co.uk)

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