

NBS SPECIFICATION CLAUSE FOR HYGIENIK C-PLANK – 01.02.12

K40 Demountable suspended ceilings

TYPES OF CEILING SYSTEM

160 SUSPENDED CEILING SYSTEM: C-PLANK

- Ceiling system:
 - Manufacturer: **Hygienik Systems Limited**
10-14 Ward Street, Bradford, West Yorkshire, BD7 3PR
Telephone: 01274 578 051 Email: matt@hygienee.com
www.hygienee.com
 - Product reference: **C-Plank**
- Ceiling Planks:
 - Description: Extruded twin wall PVC Ceiling Planks
 - Colour: White
 - Finish: Semi Gloss
 - Thickness: 10mm
 - Sizes: 250mm x 2000mm, 250mm x 2700mm, 250mm x 3000mm, 250mm x 4000mm
 - Panel Joints: Tongue and Groove
 - Fixings: Concealed, Secret Fix
- Standards:
 - BS476 Part 7: Fire Class 1
 - EEC Regulations: Food in Production Areas – Direction 64/484 Compliant
- Substrate:
 - Primary Grid: Gyproc M/F Concealed Grid System (or Similar) fixed to structural soffit.
 - Secondary Grid: Secondary grid clipped to primary section at right angles using connecting clips
- Perimeter trim: PVC edge trim secured to perimeter channel.
- Access: Access panels
- Accessories: C-Plank Edge, Jointing, Corner and Base Track profiles.
- Integrated services fittings:
 - Penetrations: Cut planks to suit size and location.
 - Fixing Points: Coordinate with suspension grid.
- Other Requirements: To be used with 'Food Safe' Sealants.

EXECUTION

315 PROTECTION

- Loading: Do not apply loads for which the suspension system is not designed.
- Ceiling materials: When necessary, remove and replace correctly using special tools and clean gloves, etc. as appropriate.

320 TOP FIXING

- Building structure: Verify suitability.
- Structural soffit: Specifier to insert Soffit Type
 - Suitability to receive specified fixings: Evaluate and confirm.
- Fixing generally: In accordance with BS EN 13964.
- Fixing to:
 - Concrete: Drill and insert suitable expanding anchors.
 - Aerated concrete: Fix through from the top of concrete units and provide a system of primary support channels.
 - Structural steel: Drill, or use suitable proprietary clips/ adaptors.
 - Metal roof decking: Fix to sides of liner tray corrugations.
 - Timber: Fix to side of joists at least 50 mm from bottom edge. If ceiling system is intended for fire protection, fix into top third of joists.
 - Hollow structural members: Submit fixing proposals.

330 INSTALLING TIMBER EDGE BATTENS

- Fixing: Firmly to perimeter wall or other building structure.

335 INSTALLING PERIMETER TRIMS

- Jointing: Neat and accurate, without lipping or twisting.
 - External and internal corners: Use C-Plank Corner Profile
 - Intermediate butt joints: Minimize. Use C-Plank Jointing Profile
- Fixing: Fix firmly to perimeter wall, edge battens or other building structure.

395 INTEGRATED SERVICES

- General: Position services accurately, support adequately. Align and level in relation to the ceiling and suspension system. Do not diminish performance of ceiling system.
- Small fittings: Support with rigid backing boards or other suitable means. Do not damage or distort the ceiling.
 - Surface spread of flame rating of additional supporting material: Not less than ceiling material.
- Services outlets:
 - Supported by ceiling system: Provide additional hangers.
 - Independently supported: Provide flanges to support ceiling system.

396 DELIVERY

Do not deliver components to site and do not remove protective packaging/ coverings until immediately before required for fixing. Stack boards and panels flat on bearers and separated by spacers where necessary to prevent damage to or from projections. Keep components and completed linings/panelling clean and dry, and protect from physical damage until Practical Completion.

397 ENVIRONMENT

Do not start work specified in this section before building is weather tight, wet trades have finished their work and the building is well dried out. Install Panels at temperature comparable to finish working environment. (Min 14°C)