

# Healthcare Enclose™

## Vinyl Encapsulated Hygiene Ceiling System

### Technical Data sheet



ASONA

#### Description.

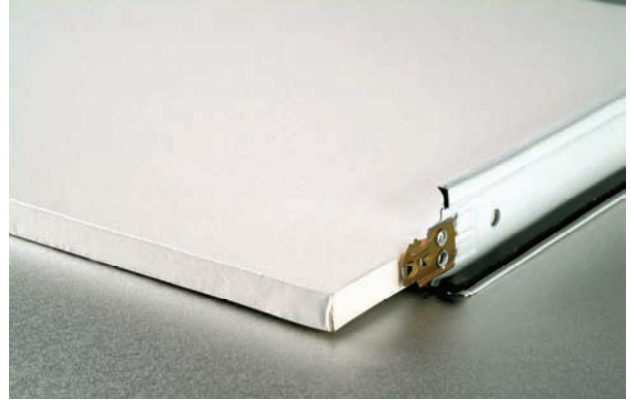
Healthcare Enclose™ is a made in NZ vinyl encapsulated ceiling system designed for bio-secure applications where rooms are negatively or positively pressurised. The systems consists of a gypsum panel encapsulated in smooth washable vinyl for ease of cleaning and dust and particle control, installed on a heavy duty 24 mm clean room grid system with closed cell foam sealer tape and hold down clips to secure panels to the grid.

#### Application.

Healthcare Enclose™ ceiling system is ideal for clean room and healthcare applications with stringent hygiene and cleanliness concerns. Panels provide access to plenum mechanical and electrical services. Ideal for hospitals, quarantine facilities, clean rooms, laboratories, pharmaceutical facilities etc.

#### Composition.

Panel manufactured from 10 mm gypsum board vacuum wrapped in vinyl to face and edges and back. Grid and wall angle from corrosion resistant galvanised and painted steel body, closed cell foam sealer tape to flange of grid and wall angle and stainless steel clips to cross tees.



#### Benefits.

- Fully encapsulated and sealed system to meet stringent hygiene and particle control requirements.
- Smooth stain resistant vinyl finish is easy to clean.
- Provides 100% access to plenum services
- Made in NZ, custom sizes available, short lead times.

### Technical Specifications

Item #	Size (nominal)	Edge
GC71034A	10 x 600 x 1200 mm	A / Square

#### Accessibility:

All panels are demountable and accessible.

#### Colour:

Satin white.

#### Cleaning:

Clean with warm soapy water, soft bristled brush or damp cloth.

#### Fire Reaction:

AS1530 pt 3.  
Spread of flame 0, Smoke developed 5

#### Installed conditions:

10°C to 45°C. Max 95% R/H

#### Light reflectance:

ASTM C1477 LR-1, >75%

#### NZ Building Code:

Clause B2—durability, 5 years

#### Stain Resistance:

Vinyl finish tested ASTM D-1308, method B 24 hour test followed by washing with soap and water. No stain results recorded for: Ammonia, bleach, coffee, coca cola, crayon, detergent, ethanol, hydrogen peroxide, hydrochloric acid 10%, ketchup, lemon juice, mayonnaise, milk, oleic acid, pencil, port wine, sodium hydroxide 10%, tea, vinegar.

#### Weight:

7.5 kg/m<sup>2</sup>

#### Environmental impact:

Product can be resurfaced and packaging reused/recycled, manufactured locally for NZ application.

#### Installation:

Shall not commence until the building is water tight and walls finished and sealed. Install main tees at 1200 mm centres, cross tees at 600 mm centres. Panels shall not be installed until work to above ceiling trades is completed and job site is free of dust and debris. Light fittings over 2 kg shall be independently supported, use hold down clips to secure panel to grid.

#### Specification:

Proprietary ceiling system shall be Asona Healthcare Enclose consisting of and including vinyl encapsulated gypsum panel #GC71034A, 10 x 600 x 1200 mm, colour white, installed on T24 exposed grid system with stainless steel connection clips, closed cell foam sealer tape to flange of grid and wall angle. Secure panels with 2 x hold down clips per panel. Manufactured and supplied by Asona Ltd Tel: 09 570 3202, Fax: 09 570 3201, email: info@asona.co.nz

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