

Modular Healthcare Environments



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Our modular healthcare environments provide simply constructed, hygienic and cost effective consulting rooms within the healthcare industry.

The modular rooms are constructed from individual panels, that slot together to provide a quality, easily maintained hygienic white laminate finish. Panels are available in three standard panel widths, enabling a wide variety of sizes and configurations to be achieved.

Where more than one room is required, specially designed joining sections enable whole complexes of adjoining or interconnecting rooms to be created.

Constructed with a channel base, flush fitting tongue and groove joints between panels, pre-formed corners and a top hat ceiling construction, our modular rooms are quick and simple to construct. Flush fitting windows and a selection of doors complete the design.

Key Features

- Versatile and expandable modular design
- Simply constructed
- Immediately provides a hygienic environment
- Hard wearing, maintenance free, neutral finish
- Integrated services
- Flexible glazing and door configurations

Applications

- Consulting rooms
- Clinical environments
- Dental / optical
- Healthcare
- Veterinary
- Dispensary

The Panels

Panels are 50mm three or four sided framed aluminium, wrapped in white food safe laminate finished galvanised steel, with a honeycomb core. Panels are interfaced with a precision engineered box section and aluminium tongue providing a flush fitting joint and smooth wall finish.

Panels are available in three standard widths that integrate with the window and doors sizes where applicable, and can also be extended into complexes of adjacent rooms, providing infinite flexibility of application.

Glazed Window Panel

The glazed window unit is specially designed to be compatible with the standard wall panel fixings and provides a flush fitting window solution for our modular environments. In addition to the standard glazed unit, there is also an option of an integral blind fitted within the double glazed unit, providing increased privacy without the challenges of cleaning the blinds.

The window unit is 50mm thick and is manufactured with an aluminium frame to provide a sealed double glazed unit. Standard window units are 1000mm x 1000mm, and can be placed adjacent using mullion spacer panels.

Doors

Door blades are manufactured with sheet steel each side of the leaf with an injected polyurethane insulated core, and finished with a white food safe PVC coating to compliment the wall panels. Doors are available with or without a vision panel as required, all vision panels have a grey gasket surround.

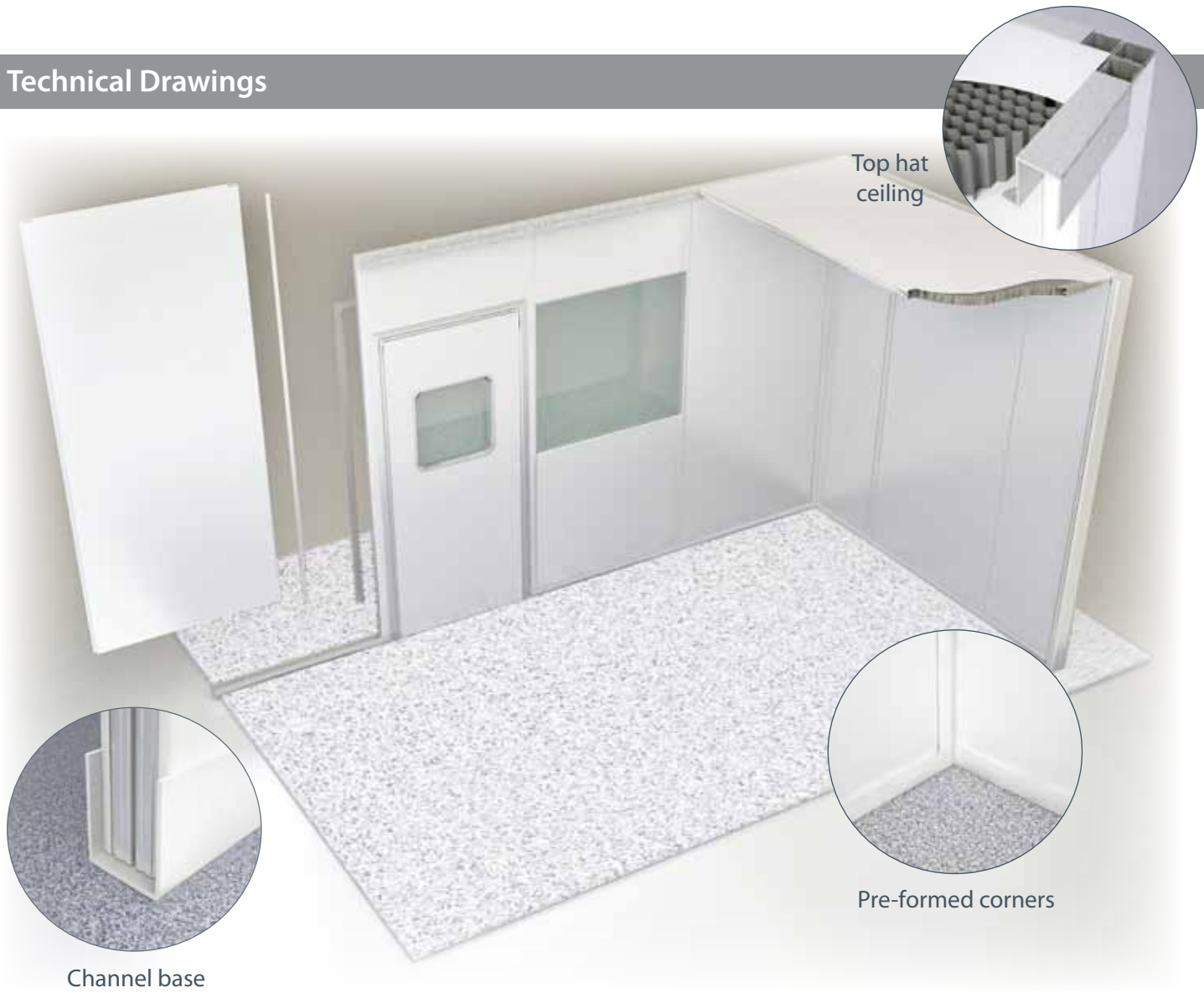
The door surround and frame are manufactured in 2mm thick, 6063 aluminium alloy and anodised with class 20 stainless steel. All door frame and surround fixings are hidden and hinges and handles are supplied in stainless steel.

Construction

Our modular Puraspace range is designed to be provided as flat packs, supplied in kit form for simple construction without the need for specialist construction knowledge or equipment.

Puraspace panels are assembled in a channel base and are built progressively with aluminium tongues inserted into extruded box sections on the edge of panels. Pre-formed corners provide added structural stability, and a capping channel applied to the top of the panels then provides a threshold for the application of ceiling panels.

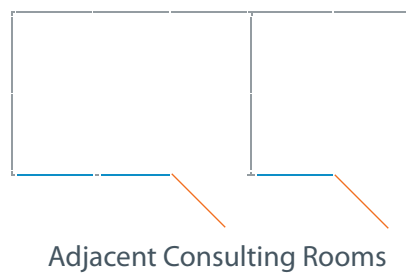
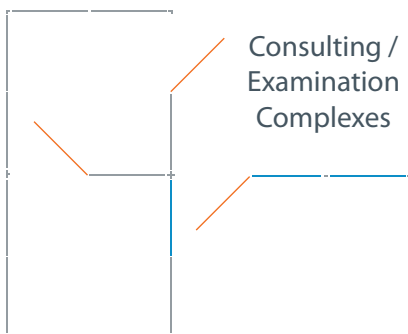
Technical Drawings



Puraspace Healthcare Environments



Example Configurations



Panel Specifications

	Nominal Thickness (mm)	Length (mm)	Width (mm)	Max Span (mm)	Weight (kg/m ²)
550 Panels	50	2450	550	4000	Approx. 9kg/m ²
1000 Panels	50	2450	1000		
1100 Panels	50	2450	1100		
Preformed Corner	50	2450	External 100 Internal 50	N/A	
Window Panels	50	Base panel 1000 Header panel 400	1000	N/A	
Door Header Panel	50	400	1000	N/A	

Additional Puraspace accessories available for interfacing rooms and window panels



Pre-formed Corner



T-section



L-section



X-section



Window Mullion

Door & Window Specification

	Nominal Thickness (mm)	Height (mm)	Width (mm)
Door (with/without vision panel)	40	1955 clear opening 2000 structural opening	910 clear opening 1000 structural opening
Glazed Window Panel	50	1000	1000

In addition to the standard cleanroom window panel, it is also possible to have an integrated blind within the glazed unit where privacy may be required.

Standard Sizes

		External Length					
		2.3m	2.85m	3.4m	3.95m	4.5m	+ 0.55m modules
External Width	1.7m (adjoining compartment only)	●	●	●	●	●	●
	2.3m	●	●	●	●	●	●
	2.85m	●	●	●	●	●	●
	3.4m	●	●	●	●	●	●
	3.95m	●	●	●	●	●	●

In addition to providing flexible modules for individual specification, we can also provide a complete pack for the construction of specific sized rooms.

Request a Quote Today

If you would like to arrange a quote, site visit or no obligation consultation, please contact us. We can offer:

- complete modular packages for a wide variety of dimensions as specified above
- or have our experienced CAD designers create an individual modular solution tailored to meet your needs

Whatever your requirements, call or email one of our experienced members of staff who will be more than happy to assist.