

# Interstate Products Inc. – Patient Quarantine Rooms®

The Patient Quarantine Room (PQR) is designed to assist medical professionals when treating contaminated patients. When set-up in a hospital setting, it essentially becomes a room-within-a-room, helping to contain any contaminated particulates or contagion the patient may be spreading, protecting staff and the ICU room itself from contamination.

If available, the PQR can be connected to a positive or negative air flow system. The PQRs are constructed from a clear, flexible vinyl shell supported by a scaffold frame.

The PQR can be set-up within an existing hospital or care facility or can stand-alone in a parking lot in the event an incident exceeds a facility's capacity. There are several, 4-inch wide, re-sealable access ports to allow the transfer of oxygen, intravenous tubes, and power cords from outside the room.

These ports are available with puncturable membranes, to allow complete sealing around tubes or cables passed through them. When patient treatment is concluded, the room can be taken down, removed and cleaned or disposed of. The PQR can be utilized by hospitals, military units, fire departments and hazmat teams.

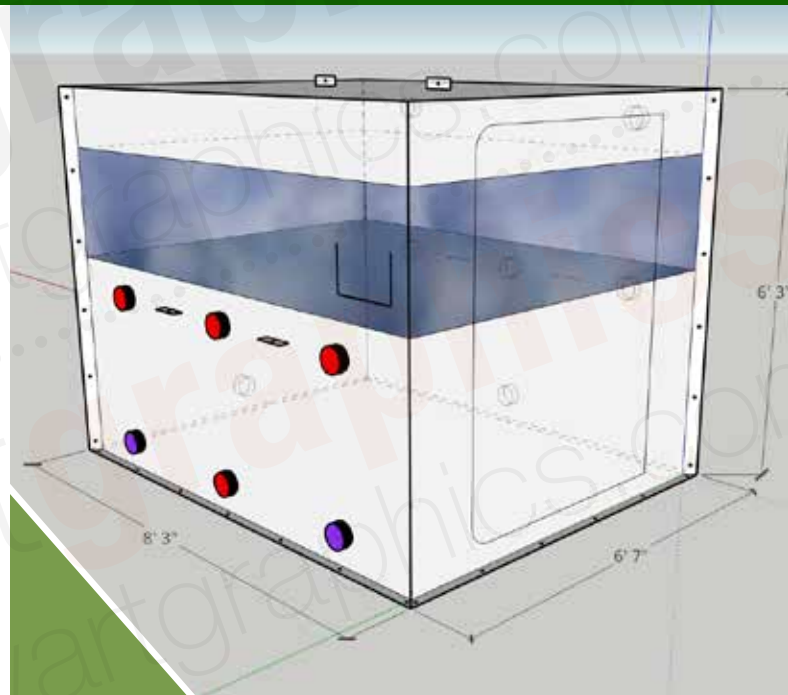
Quarantine Rooms are constructed from a clear, flexible vinyl shell and are supported by Layher Scaffolding. The same room design is used to create 36 individual Quarantine Rooms within a large Enclosure or a single Quarantine Room within an existing hospital room.

## FEATURES

- ▶ Heavy-duty vinyl construction.
- ▶ Sturdy heavy-duty steel scaffold frame.
- ▶ Standard room sizes: 6'3" x 7'11" x 6'3". Custom sizes available, please inquire.
- ▶ Re-sealable, 4" wide, Access Ports.
- ▶ 12" x 12" Clipboard Pouch with Velcro flap.
- ▶ Two-way Door Zipper allows easy access through 4' wide opening.
- ▶ Removable Non-Skid Floor.

## AVAILABLE OPTIONS

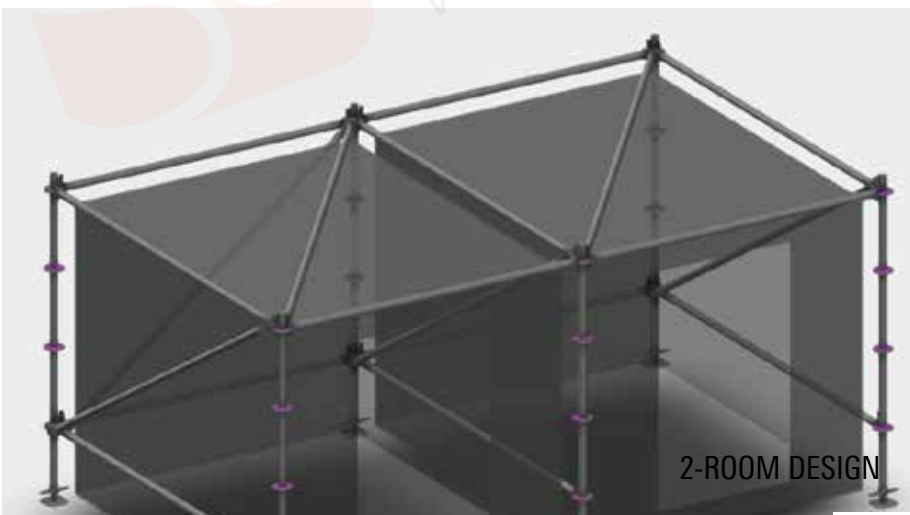
- ▶ Positive or negative airflow HEPA filter system ready.
- ▶ Lids with puncturable membranes.
- ▶ Storage bags for Room.



## SAFE ROOM WITHIN A ROOM

- ▶ Fits inside a hospital room.
- ▶ Health care staff can observe the patient external to the contained area.
- ▶ A portable hospital bed can be wheeled in or out of the quarantine room.
- ▶ 1-room or 3-room design versions can be easily made.

The Patient Quarantine Room was created and developed with the assistance of Virginia Mason Medical Center in Seattle, WA. The first Iso-Room was proto-typed at Virginia Mason on May 12th, 2003 at the "Top Off" Exercise, a Federally funded practice drill that simulated a "Dirty Bomb" attack in Seattle. The photos below show the Iso-Room being used at "Top Off".



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INTERSTATE PRODUCTS INC.

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# INTERSTATE PRODUCTS–Temporary Shelter Structures

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Layher Scaffolding has partnered with Tarp Innovators to create a design for Quarantine Room Structures. Each Quarantine Room is supported by (and fits inside) the scaffold bay.

## TEMPORARY ENCLOSURE

- ▶ Scaleable up to 4 stories
- ▶ Available for indoor / outdoor use
- ▶ Can fit in parking lots, gymnasiums - any available space.
- ▶ Weather-proof Enclosure.

## QUARANTINE / SHELTER ROOM STRUCTURES

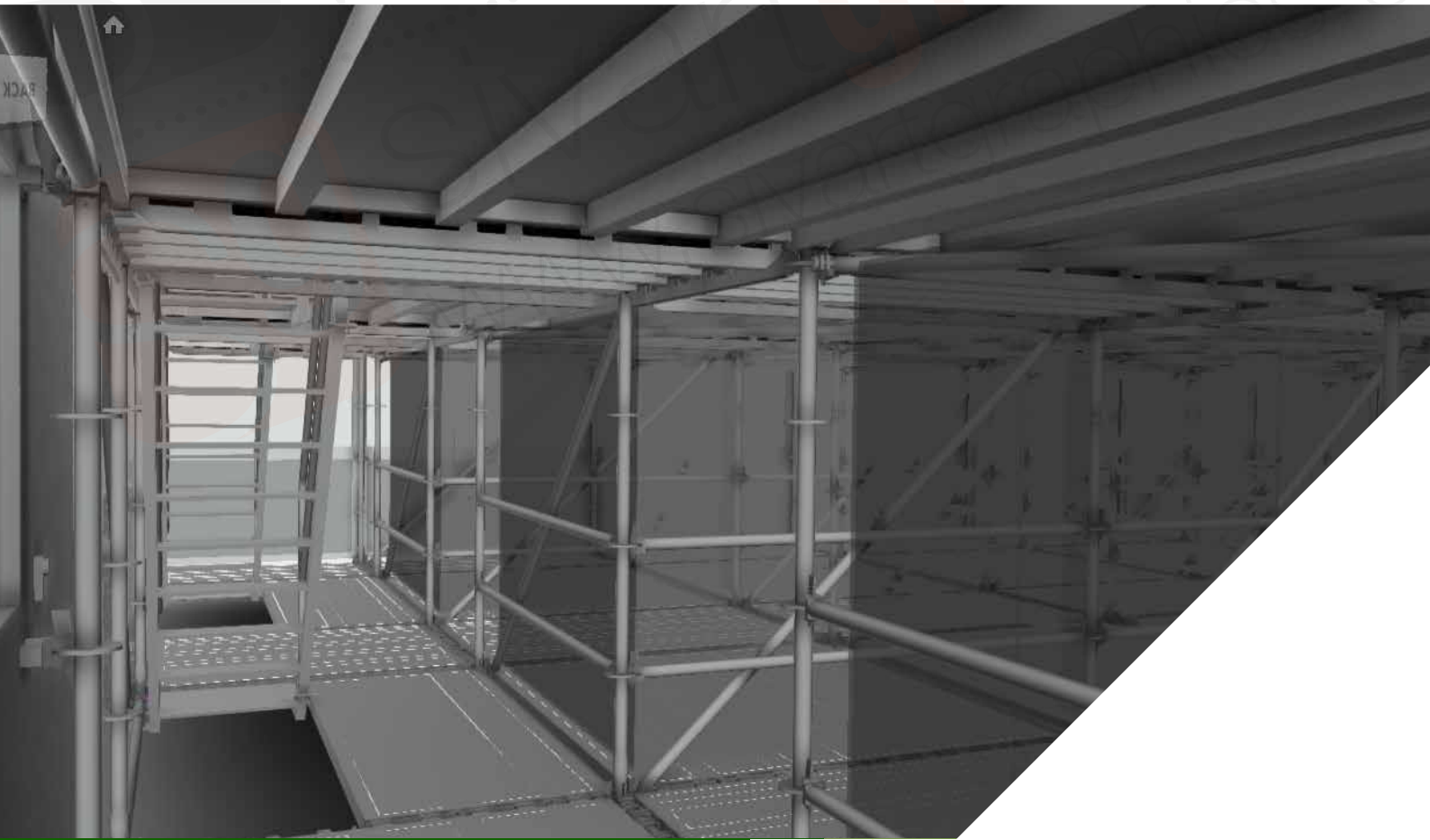
### 36-ROOM WEATHERPROOF ENCLOSURE

- ▶ 18 Rooms per floor; 2-story.
- ▶ 54-Room, 3-Story Design available.
- ▶ Customizable to virtually any Footprint / Space



## BENEFITS OF A LAYHER SCAFFOLD-BASED DESIGN

- ▶ Quality: All scaffold parts manufactured in Germany. Fabric materials are durable, Fire Retardant.
- ▶ Reconfigurable: Design can be quickly revised to fit space limitations of client. Roof can be eliminated if constructed indoors.
- ▶ Integrated Design: All Layher parts designed to work together seamlessly. Scaffold structure, walls, roof, etc.
- ▶ Reusable: Most Layher Scaffold parts can be reused. Minimal consumables.
- ▶ Versatile: Multiple stair options, wall options, roof options, etc.



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# INTERSTATE PRODUCTS – Patient Transport Units

The Patient Transport Unit (PTU) provides the solution to the problem of safely transporting victims from a radiological, biological or chemical incident scene to more advanced medical treatment. The patient can be quickly placed into the chamber and moved through a clean environment without fear of contamination to the surrounding environment. There are ten, 4-inch wide, re-sealable access ports to allow the passage of oxygen and intravenous tubes from outside the chamber to the patient. Lids with gloves, HEPA filters or puncturable membranes incorporated are also available.



## AVAILABLE OPTIONS

- ▶ The PTUs are constructed from a combination of clear and hospital white heavy vinyl material.
- ▶ Zippers allow the chamber to be fully opened from head to foot in a complete lay-flat balanced design.
- ▶ A separate 2" wide bridle with four hand grips on each side enable the victim to be lifted while in the chamber or the chamber be securely fastened to a stretcher or bed.
- ▶ The unit can be utilized by Fire Departments, Ambulances, Hospitals, Military, First Responders and HAZ-MAT Teams.
- ▶ An optional HEPA Filter Air Extraction system is available. When connected, the system creates a flow of filtered air to help cool and relax the patient.
- ▶ A soft carry case, yellow in color, is also available.

## HISTORY

The Patient Transport Unit was created and developed with the assistance of Virginia Mason Medical Center in Seattle, WA. The first Iso-Room was proto-typed at Virginia Mason on May 12th, 2003 at the "Top Off" Exercise, a Federally funded practice drill that simulated a "Dirty Bomb" attack in Seattle. The photos below show the Iso-Room being used at "Top Off".