

Available through HEPACART  
Infection Control Technologies

# LiteBarrier™ Product Catalog



S Y S T E M S

**Eliminates the disruption of renovation™**



## Leading the Market

STARC Systems is known and trusted by leading companies in all 50 states for delivering reusable temporary containment solutions with innovative design, superior engineering, and best-in-class customer service.

Our current system – called RealWall™ for its real wall appearance and construction – reduces renovation noise

by up to 50%, exceeds ICRA Class IV requirements and features superior stability and durability that's backed by a 3-year warranty.

With RealWall, you have the premier temporary containment solution and can eliminate virtually all of your future containment costs, as the system will pay for itself in 3 to 5 uses.




## Continuing to Innovate

We continue to provide exceptionally engineered temporary containment solutions with our latest system, LiteBarrier. Featuring a slimmer profile and fiberglass reinforced polymer panels, LiteBarrier was developed to be the premier solution in the lightweight containment category,

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### LiteBarrier is Ideal For

- Projects needing a great looking, lower-priced solution
- Phases requiring a quick turnaround and frequent reconfiguration
- Customers who want superior durability for years of reuse
- Customers needing to complement their current containment inventory



## What Our Customers are Saying

*“One person was able to put up the entire system on the second floor. It saved us a tremendous amount of time and money.”*

**FACILITY MANAGER**  
Northeastern Library





*“The system looks so good.  
Other employees thought it  
was the final renovation.”*

**NURSE**

Orthopedics Associates



*“Fast and easy to install.  
Great looking.”*

**INFECTION CONTROL MANAGER**

St. Mary's Hospital

# Unmatched Portfolio of Benefits



## **LIGHTWEIGHT**

LiteBarrier's integrated components and FRP panels create a slim profile and reduce its overall weight.



## **SUPERIOR DURABILITY**

The fully bonded panels can't be punched-out of the frames, and they resist dents and scratches.



## **GREAT LOOKING**

The LiteBarrier system has a sleek, clean appearance that helps it blend in with its surroundings.



## **COST SAVINGS**

The system pays for itself within 2-4 uses and virtually eliminates all future containment costs.



## **FAST INSTALLATION**

With one tool, 100' of wall can be installed in less than an hour, saving time and money between phases.



## **EASILY DISINFECTED**

The panels won't trap dust and debris and can be easily cleaned with common cleaners and disinfectants.



## **EXCEEDS CLASS IV ICRA REQUIREMENTS**

LiteBarrier exceeds ICRA Class IV requirements when installed properly.



## **CLASS A FIRE & SMOKE RATED**

The entire system is rated for ASTM E-84 Class A performance for smoke and fire spread.





## **REUSABLE & WASTE REDUCING**

The durable system can be reused and reconfigured on hundreds of jobs for years, reducing waste.

# Lightweight Containment Comparison

With innovative design and engineering, LiteBarrier is the best looking, most durable, easiest-to-install, lightweight temporary containment solution on the market.

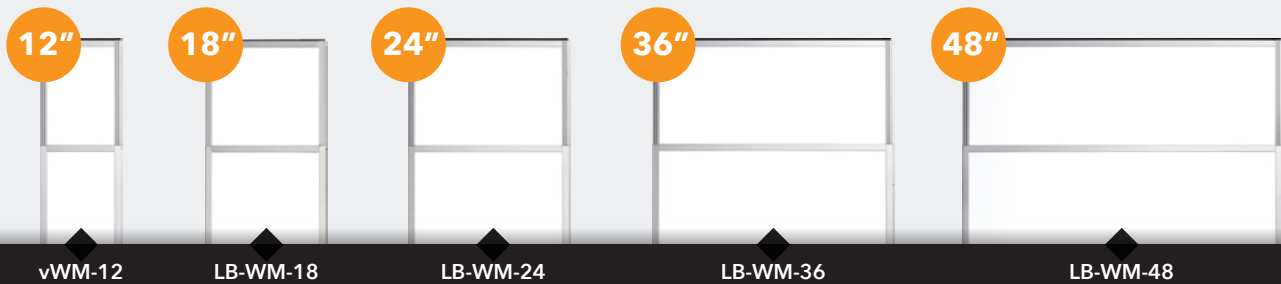
	<b>LiteBarrier</b>	<b>Polycarbonate</b>
		
Durable	✓	
Easy, Knobless Installation	✓	
Highly Engineered Design	✓	
Full Range of Accessories	✓	
Years of Ongoing Savings	✓	
Compatible with Other Containment Systems	✓	
Lightweight	✓	✓
Exceeds ICRA Class IV Requirements	✓	✓
Meets Class A Fire & Smoke Rated	✓	✓
Reduced Environmental Waste	✓	✓

# LiteBarrier Panels

STARC Systems has brought their innovative engineering to a new, lightweight panel. Constructed with an anodized aluminum frame, LiteBarrier's telescoping (6'-10" - 10'-3") modular wall panels feature a lightweight fiberglass reinforced polymer that is extremely

durable and won't dent or scratch. With its airtight panel connection, gasketing, and fully bonded panels, LiteBarrier exceeds ICRA Class IV requirements and is Class A rated for fire and smoke spread – making it the premier product in the lightweight temporary containment market.

Multiple widths that offer unlimited configuration options.



## Performance Specs

- 1" square anodized aluminum frame
- 2mm fully bonded, tough FRP panels
- Half the weight of RealWall
- ICRA IV Performance

## Panel SKU Listings

NAME	DETAILS	SKU
12" Panel	12" width; 10'-3" max height	LB-WM-12
18" Panel	18" width; 10'-3" max height	LB-WM-18
24" Panel	24" width; 10'-3" max height	LB-WM-24
36" Panel	36" width; 10'-3" max height	LB-WM-36
48" Panel	48" width; 10'-3" max height	LB-WM-46



# Lightweight & Durable



## Ceiling Grid Attachment Options

Fits standard, recessed and concealed grid tiles



## 360° T-Slot Attachment System

Unlimited attachment options for brackets, anchors and braces

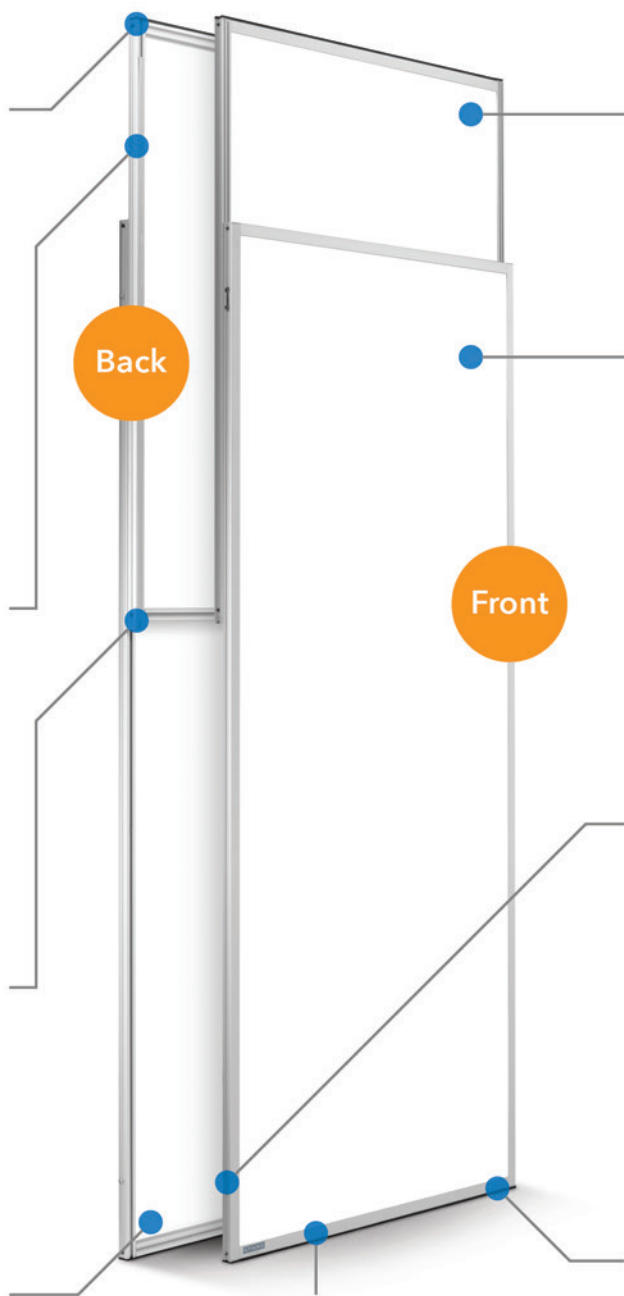
## Concealed Height Locks

Hidden and cannot be jostled loose



## Fully Bonded Panels

Will not come loose from the frame



## Anodized Aluminum Frame

Extremely rugged and durable

## Multiple Widths

Available in 12", 18", 24", 36" and 48" widths

## Lightweight

Weight ranges from 18 to 40lbs

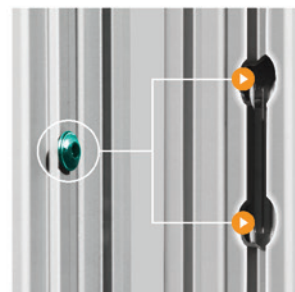
## Adjustable Height

Telescoping panels extend from 6' 10" to 10' 3"



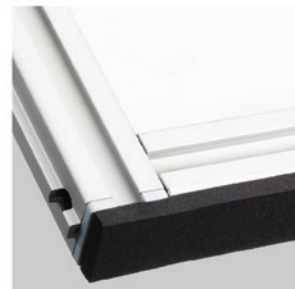
## Fiberglass Reinforced Polymer Front

Durable, lightweight and will not scratch or dent



## Dual Slots & Flanged Stud

Simple toolless, knobless lift and drop connection



## Top & Bottom Gaskets

Provides airtight seals between the panel, ceiling and floor

# LiteBarrier Negative Air Panels

LiteBarrier's negative air panels provide lightweight versatility while maintaining the critical containment required in sensitive spaces like healthcare settings and lab environments. With fully

bonded panels that easily integrate with exhaust systems and pressure monitors, LiteBarrier exceeds ICRA Class IV requirements.

## Performance Specs

- Standard 12" diameter duct collar with integral shutter
- Internal passage for power cords from front to back
- Integrated air pressure ports on each side
- Universal monitor bracket for optional Abatement digital monitor and Dwyer non-recording monitor

## Negative Air Panel SKU Listings

NAME	DETAILS	SKU
24" Negative Air Panel	24" width; 12" adjustable duct vent; 10'-3" max height	LB-AIR-24



### 12" Louver Kit

Louvered grille, screws, duct adapter, & shutter for negative air panels

**LB-LK**



### Recording Digital Pressure Monitor

Single room, wall mounted, recording digital differential pressure monitor

**LB-RPM-RT1**



### Digital Pressure Monitor

Digital differential pressure gauge

**LB-DPM**

# Fully Integrated Design

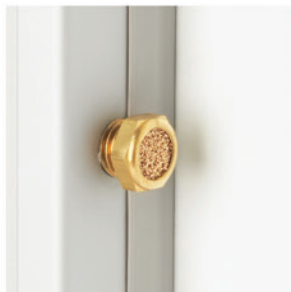
## Adjustable Height

Telescoping negative air panels extend from 6' 10" to 10' 3"



## Fully Bonded Panels

Will not come loose from the frame



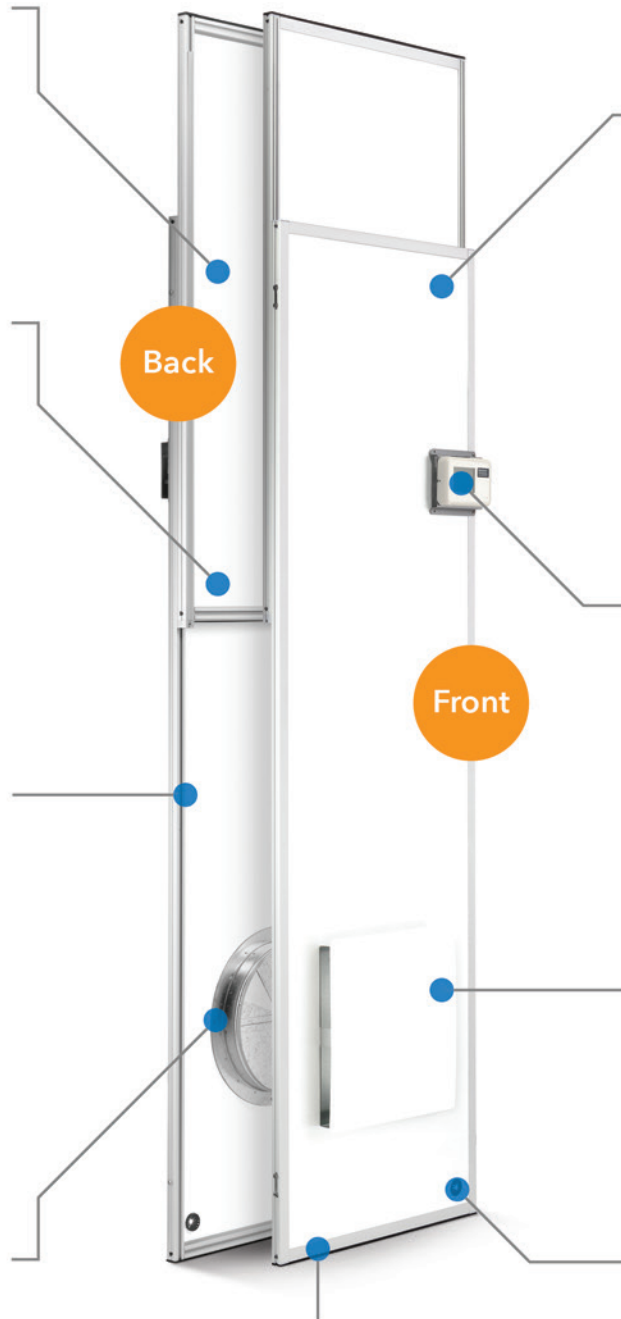
## Integrated Pressure Ports

Negative air port built into panel



## Standard Duct Collar

12" duct collar, adjustable shutter and a louver



## Anodized Aluminum Frame

Extremely rugged and durable

## One Width

Available in a 24" width



## Fiberglass Reinforced Polymer Front

Durable, lightweight and will not scratch or dent



## Optional Pressure Monitor

Supports differential pressure monitor and common data recorders

## Air Diffuser

Prevents the high-volume airflow from disturbing dust on the floor



## Power Cord Passage

Makes it easy to integrate a power source

# LiteBarrier Hinged Doors

LiteBarrier's hinged doors provide unmatched versatility. Doors can swing in or out and hinge left or right. The modular over-the-door kit allows for flexible adjustment to create an airtight

seal above the door to the ceiling. Multiple handlesets and lock options – including electronic keypads and interchangeable cores – keep sites safe and secure.

Multiple lock options for varying levels of security.



Lever Handle Set (LB-HS)

Schlage FE595 (LB-EHS)

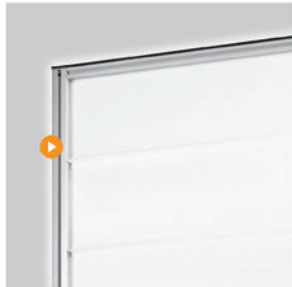
## Performance Specs

- Standard class 3 hardware with electronic keypad lock option
- Class 2 SFIC lockset option
- New Over the Door kit (FRP- 9 slats)
- Left, right, in, and out adjustability
- Adjustable threshold and sweep
- Closer is always mounted on the construction side

## Hinged Door SKU Listings

NAME	DETAILS	SKU
42" Hinged Door	42" width; lever handle set & door closer	LB-HD-42H
42" Hinged Door	42" width; Schlage FE595 electronic pushbutton handle set, key override & closer	LB-HD-42E
54" Hinged Door	54" width; lever handle set & door closer	LB-HD-54H
54" Hinged Door	54" width; Schlage FE595 electronic pushbutton handle set, key override & closer	LB-HD-54E

# Exceptional Durability & Versatility



## Modular "Over the Door" Kit

Airtight flexible panels that seal the door to the ceiling



## Fiberglass Reinforced Polymer Front

Durable, lightweight and will not scratch or dent



## Superior Hinge System

Allows for quick in/out and left/right adjustability



## Multiple Widths

Available in 42" and 54" widths

## Anodized Aluminum Frame

Extremely rugged and durable



## Lock Options

Multiple lock options for varying levels of security



## Adjustable Threshold & Sweep

Allows for the installation of doors on uneven surfaces



# LiteBarrier Accessories

## Panel Accessories



### Wall Interface

The extendable module creates a seal with the wall from 5" to 6 3/4"; 10'-3" max height

Left Wall Interface: **LB-LWI**

Right Wall Interface: **LB-RWI**



### Filler Panel Kit

Allows for a custom width wall interface, or use it to fit over wall protrusions like handrails; 10'-3" max height

Left Filler Panel Kit: **LB-LFP**

Right Filler Panel Kit: **LB-RFP**



### STARC RealWall Adapter

The connection interface allows LiteBarrier to have a left/right connection to the STARC RealWall system

**LB-S3**



### Polycarbonate Adapter

The connection interface allows LiteBarrier to have a left/right connection to polycarbonate systems

**LB-PC**



### 15-90° Flexible Corner

Allows for 15° to 90° of flexibility; 12' max height

**LB-FC**



### T' Intersection

The module allows for a 90° mating of panels

Left T' Intersection (panel front shows to the left): **LB-OT-L**

Right T' Intersection (panel front shows to the right): **LB-OT-R**

## Hinged Door Accessories



### Lever Handle Set

Comes with a standard key cylinder & satin chrome finish

**LB-HS**



### Schlage FE595

Schlage FE595 electric pushbutton handle set, key override & closer

**LB-EHS**



### Door Closer

Hinged door closer

**LB-HDC**



### Over the Door Panel Kit

Full 9 section panel & carry bag; 10'-3" max height

42" Width: **LB-OTD-42**

54" Width: **LB-OTD-54**

## Floor, Wall, & Ceiling Anchoring Accessories



### Ceiling Grid Clip

9/16"-15/16" flush tile ceiling grid clip

**LB-FGC**



### Ultraline Ceiling Grid Clip

Ultraline flush tile ceiling grid clip

**LB-FGC-U**

## Transport Carts



### Panel Cart

Carries or stores up to 14 48" LiteBarrier panels with 5" locking, swivel casters

**S1-MC**



### Diagonal Brace

Panel top diagonal brace

24" Long: **LB-TB24**

36" Long: **LB-TB36**

48" Long: **LB-TB48**

72" Long: **LB-TB72**



### Floor Panel Brace

Allows for free standing walls when ceiling attachments are not possible

**LB-FPB**

# Full SKU List

NAME	DETAILS	SKU
<b>PANELS</b>		
12" Panel	12" W; 10'-3" max ht.	LB-WM-12
18" Panel	18" W; 10'-3" max ht.	LB-WM-18
24" Panel	24" W; 10'-3" max ht.	LB-WM-24
36" Panel	36" W; 10'-3" max ht.	LB-WM-36
48" Panel	48" W; 10'-3" max ht.	LB-WM-48
Sample Panel	8" W; scaled LiteBarrier sample module; 16" ht.	LB-SAMPLE
<b>NEGATIVE AIR PANELS</b>		
24" Negative Air Panel	24" W; 12" adjustable duct vent; 10'-3" max ht.	LB-AIR-24
12" Louver Kit	Louvered grille, screws, duct adapter, & shutter for negative air panels	LB-LK
Recording Digital Pressure Monitor	Single room, wall mounted, recording digital differential pressure monitor	LB-RPM-RT1
Digital Pressure Monitor	Digital differential pressure gauge	LB-DPM
<b>HINGED DOORS</b>		
42" Hinged Door	42" W; Lever handle set & door closer	LB-HD-42H
42" Hinged Door	42" W; Schlage FE595 electronic push-button handle set, key override & closer	LB-HD-42E
54" Hinged Door	54" W; Lever handle set & door closer	LB-HD-54H
54" Hinged Door	54" W; Schlage FE595 electronic push-button handle set, key override & closer	LB-HD-54E
<b>PANEL ACCESSORIES</b>		
15-90° Flexible Corner	Allows for 15° to 90° of flexibility; 12" max ht.	LB-FC
Left Wall Interface	The extendable module creates a seal with the wall from 5" to 6 3/4"; 10'-3" max ht.	LB-LWI
Right Wall Interface	The extendable module creates a seal with the wall from 5" to 6 3/4"; 10'-3" max ht.	LB-RWI
Left Filler Panel Kit	Allows for a custom width wall interface, or use it to fit over wall protrusions like handrails; 10'-3" max ht.	LB-LFP
Right Filler Panel Kit	Allows for a custom width wall interface, or use it to fit over wall protrusions like handrails; 10'-3" max ht.	LB-RFP
Left T' Intersection	The module allows for a 90° mating of panels (panel front shows to the left)	LB-OT-L
Right T' Intersection	The module allows for a 90° mating of panels (panel front shows to the right)	LB-OT-R
T' Intersection Bracket	Allows for additional connection & seal for an intersecting panel	LB-IT
STARC RealWall Adapter	The connection interface allows LiteBarrier to have a left/right connection to the STARC RealWall system	LB-S3
Polycarbonate Adapter	The connection interface allows LiteBarrier to have a left/right connection to polycarbonate systems	LB-PC
Coroplast	Cut easily to fit over wall protrusions like handrails; It is ASTM E-84 Class A fire & smoked rated & exceeds ICRA Class IV requirements; 4' by 8' sheets	LB-CP

NAME	DETAILS	SKU
<b>HINGED DOOR ACCESSORIES</b>		
Lever Handle Set	Comes with a standard key cylinder & satin chrome finish	LB-HS
Schlage FE595	Hinged door Schlage FE595 electric push-button handle set, key override & closer	LB-EHS
Replacement Key	Standard replacement key for all key cylinders (common code)	S1-REP-KEY
Door Closer	Hinged door closer	LB-HDC
42" Over the Door Panel Kit	42" W; full 9 section panel & carry bag; 10'-3" max ht.	LB-OTD-42
54" Over the Door Panel Kit	54" W; full 9 section panel & carry bag included; 10'-3" max ht.	LB-OTD-54
<b>FLOOR, WALL, &amp; CEILING ANCHORING ACCESSORIES</b>		
Ceiling Grid Clip	9/16"-15/16" flush tile ceiling grid clip	LB-FGC
Ultraline Ceiling Grid Clip	Ultraline flush tile ceiling grid clip	LB-FGC-U
Angle Bracket	Floor/wall angle bracket	LB-FWB
Angle Bracket	Dual nut angle bracket	LB-AB
Joiner Plate	Quad screw joiner plate	LB-JP
Interface Bracket	Panel top drywall interface bracket	LB-PTB
Floor Panel Brace	Braces panels to the floor when ceiling attachments are not possible	LB-FPB
24" Diagonal Brace	24" long panel top diagonal brace	LB-TB24
36" Diagonal Brace	36" long panel top diagonal brace	LB-TB36
48" Diagonal Brace	48" long panel top diagonal brace	LB-TB48
72" Diagonal Brace	72" long panel top diagonal brace	LB-TB72
<b>ADDITIONAL ACCESSORIES</b>		
Screw & T' Nut	For brackets or accessories	LB-STN
Tool Bag	Comes with spare panel hardware, tools, 1" square foam stock, & documentation	LB-TB
Inter-panel/Base Gasket	EPDM replaceable bulb gasket for the inter-panel/base; 25' roll	LB-GIP
Panel Top Gasket	Replaceable foam gasket for the panel top; 108" roll	LB-GFT
Panel Top/Base Gasket	Replaceable foam gasket for the panel top/base; 25' roll	LB-GBT
Spares Kit	Spare parts for hinged doors	LB-HDSK
Spares Kit	Spare parts for panels	LB-PHSK
<b>TRANSPORT CARTS</b>		
Panel Cart	Carries or stores up to 14 48" LiteBarrier panels with 5" locking, swivel casters	S1-MC
Dust Cover	Protects panels & doors while they're in storage	S1-MC-DC
Upgraded Panel Cart	Panel cart upgraded with 8" locking, swivel casters	S1-MC-C8
5" Casters	Four 5" locking, swivel casters with hardware	S1-CS5
5" Total Lock Casters	Four 5" heavy duty Total Lock swivel casters with hardware	S1-CHD-5
8" Casters	Four 8" locking, swivel casters with hardware	S1-CS8



SYSTEMS

Made in USA 



913-789-9590  
www.hepacart.com

Available through