

# LEXAN™ MULTIWALL SHEET FOR HEALTH CARE FACILITIES APPLICATIONS

## INTERIOR WALL CLADDING FOR HOSPITALS AND PUBLIC FACILITIES



Installation of partition walls to expand ICU capacity in local hospital in Canada



Providing a protective separation wall solution for covid-19 patients in hospitals, temporary clinics and long term care facilities.

SABIC's Functional Forms business has been working to bring its portfolio of leading edge materials to bear in glazing applications for over 40 years. Virtually unbreakable, high optical quality solid and multiwall LEXAN™ (PC) sheet products with highly specialized properties are often a top choice for answering the specific needs and **providing protection** to your most demanding applications. As companies are looking for protective materials connecting to **hospitals and other medical facilities**, such as **separation walls, partition walls** and **screen barriers**, our multiwall portfolio can offer a solution connecting to that.



**HIGH IMPACT STRENGTH**  
Virtually unbreakable



**EASY TO INSTALL**  
Ease of handling and installation can be cut on site with common tools



**EASY TO CLEAN AND DISINFECT**  
Withstands repeated cleaning with common hospital cleaning agents, IPA solution at 10% or liquid soap and water



**LIGHTWEIGHT**  
Outstanding light weight advantages against glass



**FLAME RETARDANT\***  
Excellent fire performance



**COST EFFICIENT**  
Designed to provide added value performance through potentially low systems costs

\*LEXAN™ THERMOCLEAR and VEROLITE™ multiwall sheets comply with US and Canadian building codes fire requirements and meets **ASTM E84** and **ULC S102.2 - Class A** and **ASTM D635 - CC1** classifications.

## PRODUCT OFFERING

AVAILABLE GRADES	LEXAN™ THERMOCLEAR™ Sheet LEXAN™ VEROLITE™ Sheet
BENEFITS	<ul style="list-style-type: none"><li>- Lightweight and design flexibility vs. glass</li><li>- Ease of installation</li><li>- Excellent light transmission</li><li>- Super UV resistance and impact Strength</li><li>- Exceptional flame resistance</li></ul>
SOLUTIONS	<ul style="list-style-type: none"><li>- Separation Walls</li><li>- Partition Walls</li><li>- Screen Barriers</li></ul>
AVAILABLE COLORS	Clear / Opal White / Bronze / Grey / Green / Blue
GAUGES	0.177" / 0.236" / 0.315", 0.394" / 0.630" / 0.787" / 0.985"
STANDARD WIDTHS	48" / 72" / 82.677"

## FIRE TEST PERFORMANCE

LEXAN™ THERMOCLEAR™ and VEROLITE™ sheets have excellent fire behavior characteristics, with a CC1 and Class A rating according to ASTM D635, E84 and ULC S102.2 testing respectively. More detailed information is available from your local SABIC Service Center or Authorized Distributor.

## SOUND INSULATION

The sound insulation characteristics of a material are largely pre-determined by its stiffness, mass and physical construction. According to EN ISO 10140-2:2010, the maximum obtainable sound is 18dB at a gauge of 16mm.

## CHEMICAL RESISTANCE

LEXAN™ solid and multiwall sheet products have a high resistance to most moderate chemicals. For a complete list of compatible cleaners, please contact your SABIC representative.

## CLEANING & DISINFECT

Clean gently with common hospital cleaning agents, IPA solution at 10% or simply liquid soap and lukewarm water, using a soft, grid free cloth or sponge to loosen any dirt or grime.



## CONTACT US

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