

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



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

PRODUCT OFFERING

AVAILABLE GRADES	LEXAN™ THERMOCLEAR™ Sheet
BENEFITS	<ul style="list-style-type: none">- Lightweight- Cost efficient- High flexibility in design- Easy and fast installation- Provides privacy with still being a transparent material- Super UV resistance and impact Strength- Excellent behavior with fire (no flashover, very limited contribution, very difficult to ignite)
SOLUTIONS	<ul style="list-style-type: none">- Separation Walls- Partition Walls- Screen Barriers
AVAILABLE COLORS	Clear / Opal White / Bronze / Grey / Green / Blue
GAUGES	10-16-20-25 and 32mm
STANDARD WIDTHS	1050 and 2100mm

FIRE TEST PERFORMANCE

LEXAN™ THERMOCLEAR™ sheets have excellent fire behavior and are rated B-s1, d0 against EN-13501-1 for most gauges and structures/colors. 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 21dB at a gauge of 32mm.

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, simply liquid soap and lukewarm water, using a soft, grid free cloth or sponge to loosen any dirt or grime.



CONTACT US

Europe
SABIC
Functional Forms
Plasticslaan 1
4612 PX
Bergen op Zoom
The Netherlands
T +31 (0)164 293684
F +31 (0)164 293272
E ff.info@sabic.com



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