

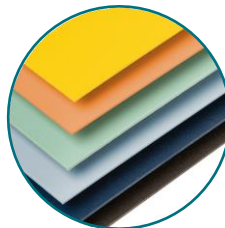
## COMPLIANT & HYGIENIC

### LEXAN™ CLINIWALL™ SHEET



POLYVANTIS offers LEXAN™ CLINIWALL™ sheet, a halogen/VOC-duty free and recyclable opaque sheet, including a specialized grade which contains a silver-ion additive which is a known additive to have the potential capability to reduce the growth of microorganisms significantly.

These materials are an excellent candidate for interior wall cladding solutions for hospitals, industrial and public facilities that requires a high level of sanitation. In addition to good flammability and smoke performance, it offers excellent mechanical properties like impact, stain, blood and urine resistant combined with ease of processing.



#### **Fire safety and excellent smoke performance**

- PVC-free
- b-s1-d0 rating according to European EN 13501-1 standard
- ASTM E84 Class A rating

## LEXAN™ SHEET

## POTENTIAL BENEFITS



### ENVIRONMENT

Non-chlorinated and non-brominated opaque sheet



### ANTI-BACTERIAL ADDITIVES

There to stay for the entire lifetime



### FIRE SAFETY AND EXCELLENT SMOKE PERFORMANCE

B-s1-d0 rating according to European EN 13501-1 standard and ASTM E84 Class A rating



### EASY TO CLEAN AND DISINFECT

Withstands repeated cleaning with common hospital cleaning agents



### DIGITAL PRINTING

Suitable for digital print applications



### HIGH IMPACT STRENGTH AND ABRASION RESISTANCE

Virtually unbreakable with the ability to hide small scratches



### DURABILITY

10 year written limited warranty



### EXCELLENT RESISTANCE

To common chemicals and stains including blood and urine



### EASY TO INSTALL AND TO BEND

Thermoformable and capability for cold and hot line bending



### FRIENDLY MATERIALS PRODUCT

Awarded with a GOLD medal by PMMT

## TYPICAL CLADDING APPLICATIONS



### HEALTHCARE FACILITIES

- Hospitals
- Clinics
- Elderly homes
- Primary care centers
- Sterile rooms
- Laboratories



### PUBLIC FACILITIES

- Schools
- Kinder gardens
- Restrooms
- Airports
- Bus stops and train stations
- Sports centers



### INDUSTRIAL FACILITIES

- Pharmaceutical factories
- Industrial kitchens
- Storage/refrigeration rooms
- Storage areas
- Refrigeration facilities

## PRODUCT AVAILABILITY

GRADE	DESCRIPTION	WIDTH	GAUGE
LEXAN™ CLINIWALL™ AC6206 sheet	HIGHLY-HYGIENIC and HALOGEN FREE engineered thermoplastic sheet with anti-bacterial additives	1300 mm	1.7 mm
LEXAN™ CLINIWALL™ C6206 sheet	HALOGEN-FREE engineered thermoplastic sheet	1300 mm	1.7 mm

## GOLD AWARD FROM PMMT FRIENDLY MATERIALS®

Two LEXAN™ CLINIWALL™ sheet grades from have won gold awards from PMMT Healthcare Architecture as Friendly Materials® products, acknowledging their position among the healthiest building materials available.



**LEXAN™ CLINIWALL™ AC6206 sheet**  
HIGHLY-HYGIENIC and HALOGEN-FREE engineered thermoplastic sheet has achieved a score of 75 out of 77 FMP qualifying with a GOLD medal.

**LEXAN™ CLINIWALL™ C6206 sheet**  
HALOGEN-FREE engineered thermo- plastic sheet has achieved a score of 73 out of 77 FMP qualifying with a GOLD medal.

Friendly Materials® Inspired by PMMT is the result of a three-year research project to identify the healthiest building materials that use non-toxic materials. For instance, LEXAN CLINIWALL engineered thermoplastic panels feature non-halogenated flame retardancy and are volatile organic compound (VOC) duty free.



Watch our YouTube videos!



Installation



Bending

# PROJECT REALIZATIONS



**POLYVANTIS**

[www.polyvantis.com](http://www.polyvantis.com)



**LEXAN™** Tough, Virtually Unbreakable  
POLYCARBONATE FILM & SHEET