POLYVANTIS

GLOBAL RAILWAY INTERIORS SOLUTION MEETING EN45545-2

WITH LEXAN™ H6600 SHEET



LEXAN™ H6600 SHEET
A NEW PC BLEND WITH IMPROVED WEIGHT SAVINGS AND HIGH STIFFNESS

LEXAN™ H6600 sheet is an opaque, solid, glass filled PC sheet which delivers higher stiffness for railway seating and interior solutions.

Its robust flame-retardant performance meets EN45545-2 / R1 HL2 as well as the requirements of the Restriction of Hazardous Substances (RoHS).

The intrinsic color capability of LEXAN H6600 sheets avoids the cost and environmental hazards of secondary painting and provides excellent aesthetics.

In railway transportation, fire protection always has top priority.

LEXAN™ H6600 Sheet is designed to ensure compliance with the European EN45545-2 norm, meeting:

R1, HL2 - @3-5 mm

LEXAN™ SHEET

POTENTIAL BENEFITS

COMPLIANCY
Meeting TB/T 3237, NFPA-130 and EN45545-2 Rail Fire Safety Standards.

LIGHTWEIGHT
Outstanding lightweight advantages against Fiber Reinforced Thermoset Plastics.

EASY TO CLEAN AND DISINFECT
Withstands repeated cleaning with most industry common cleaning agents.

DURABILITY
Long lasting and durable solution.

THERMOFORMABLE
Ease of processing and freedom of design in complex shapes.

STIFNESS/MODULUS
Provides high stiffness.

EHSS
Clean and largely automated manufacturing process.

ENVIRONMENTAL FRIENDLY
Recyclable, low impact on carbon footprint (compared to metal).





POTENTIAL APPLICATIONS

- Wall Claddings
- Seat Claddings
- Kick Boards
- Window Frames
- Partition Walls
- Toilet Modules
- Ceilings

PRODUCT AVAILABILITY

Product code:	LEXAN™ H6600 Sheet
Colors:	Standard and custom colors available
Textures:	H6606 Polished/Suede
Gauges:	3 - 5mm (0.118"- 0.197")
Widths:	1300mm (51.18") & 2050mm (80.71")

SAMPLE REQUEST?

A4 samples are available, click the image to request a sample



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www.polyvantis.com

LEXAN™ POLYCARBONATE FILM & SHEET | Tough, Virtually Unbreakable

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