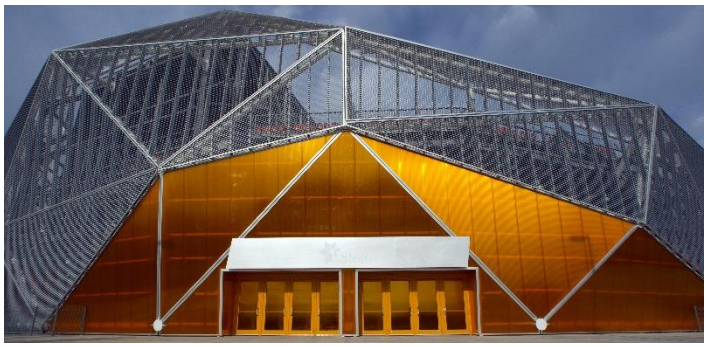
POLYVANTIS

EFFICIENCY & CREATIVITY

WITH LEXAN™ THERMOCLICK™ SHEET WALL PANELS







POLYVANTIS Film & Sheet business offers LEXAN™ THERMOCLICK™ sheet products which may give the building and construction industry new ways to meet demands for increased energy efficiency in living and working environments. These products allow designs that are visually striking and yet extremely practical.

Mainly used in façade applications, the innovative LEXAN THERMOCLICK sheet systems in 40mm thickness are UV protected with a specially designed tongue and groove connection. This inter-connecting system eliminates the need for vertical profiles, thereby potentially saving costs and enhancing aesthetics. The X-Structure of the sheet provides exceptional stiffness and thermal insulation.

POTENTIAL BENEFITS

UV PROTECTION
UV protected surfaced surface for long-term weather resistance

LIGHT TRANSMISSION
Good light transmission and light diffusion characteristics

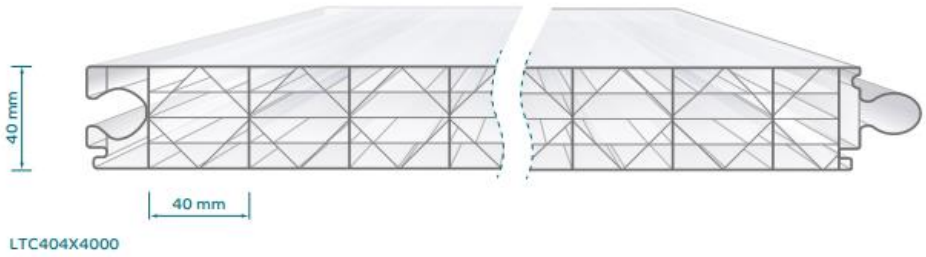
THERMAL INSULATION
Excellent thermal insulation values:
U-value 1.27 W/m²K (0.224 Btu/h ft 2ºF)

IMPACT RESISTANCE
Excellent impact strength and lightweight material for easy installation

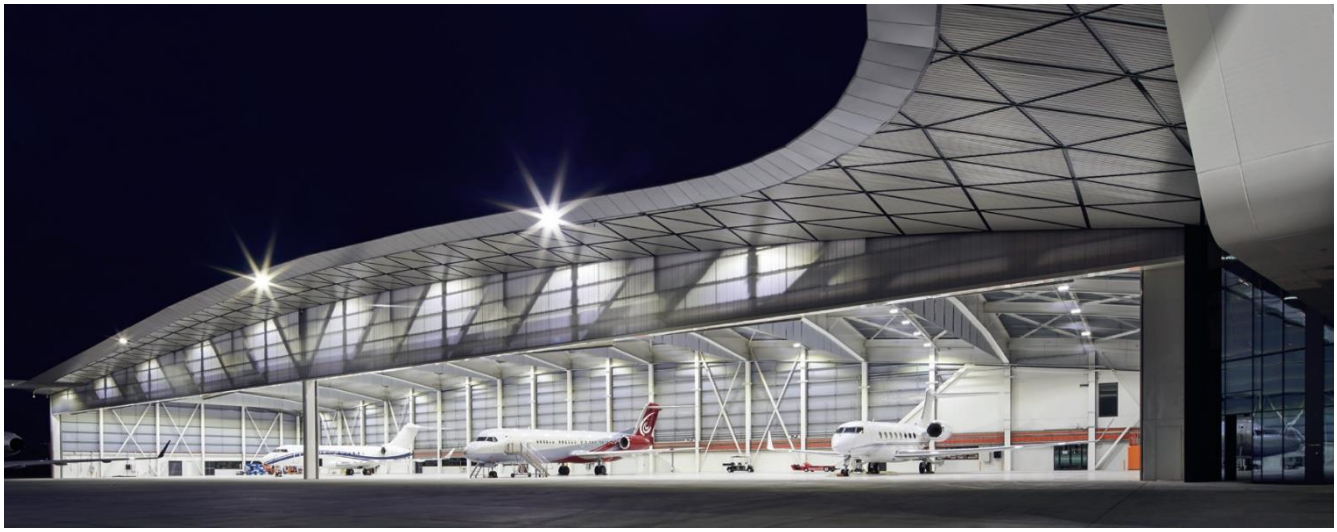
LEXAN™ SHEET

AVAILABILITY

Product	Grade name	Structure	Gauge (mm)	Weight (kg/m²)	U-value (W/m² K)	Rib distance (mm)	LT 112 (%)	LT WHFA092X (%)	Available lengths (mm)	Available lengths (mm)
LEXAN™ THERMOCLICK™ sheet *Top side UV Co-extrusion (10 year limited written warranty)*	LTC404X4000	5-wall X-structure	40	4	1.27	20	59	50	500	3000-13000



LTC404X4000



POLYVANTIS

www.polyvantis.com

LEXAN™ POLYCARBONATE FILM & SHEET | Tough, Virtually Unbreakable

© POLYVANTIS PV_FLY_023_THERMOCLICK_EN_01-25