

LAMGLAS Skytec®

Point Fixed Structural Glass Systems

www.lamglas.com

LAMINATED GLASS



DESCRIPTION

LAMGLAS Skytec® UVEKOL S interlayer is a single component liquid for glass to glass lamination, curable under low intensity UV lights in as little as 20 minutes.

BENEFITS

One component, ready-to-use product
Fast and consistent process
Low start-up and operating cost
Superior optical clarity
Excellent impact and cycling performance
Sound deadening

PERFORMANCE and APPLICATIONS

Safety

LAMGLAS Skytec® laminated glass with an 0.030" UVEKOL S interlayer meets ANSI Z97.1-1984 and CPSC 16 CFR 1201 (Cat. I and II) safety standards.

Hurricane Resistance

LAMGLAS Skytec® UVEKOL S interlayer is certified as an interlayer for hurricane resistant glass by Dade County Florida, under NOA# 03-1223.04 and NOA# 03-1117.05

Systems using glass laminated with a UVEKOL S interlayer thickness of 0.100" to 0.120" have consistently passed impact and cycling testing according to the following protocols:

- Miami Dade County, Florida: PA 201, 202, 203
- Florida Building code: TAS 201, 202, 203
- Texas Department of Insurance: TDI-98
- International Building Code: section 1609.1.4
- American Standard of Testing Materials:
ASTM E1886 and ASTM E1996

Sound Control

The UVEKOL interlayer provides sound deadening properties to the glass and increases the STC rating of the window. A single laminate with **LAMGLAS Skytec®** UVEKOL S interlayer results in an STC value of 35.

Security

LAMGLAS Skytec® laminated with UVEKOL S interlayer, in an appropriate set-up, can provide protection against forced entry and ballistics, for which the following standards apply:

Forced Entry

ASTM F1233 - Level I

UL 972 - Multiple and High Energy Impact

DIN 52290 - Class A1, A2, and A3

EN 356 - P1, P2, P3, P4, P5, P6, P7, P8

Ballistics

UL 752 - Level 1, Level 2, and Level 3

ASTM F1233 - HG1, HG2, HG3, HG4

STS38 (Belgium) - A/T8, A2/T8, 5A/T8, BT8, A1/T9, B/T9, C/T9, and D/T9

E05/201 (France) - Class 2

SPECIFICATIONS	SMT(1)	Value
Color, APHA, max.	001-R	50
Appearance	002-A	Clear liquid
Viscosity at 25°C, cP	013-AAA	100-140

***LAMGLAS Skytec®** is a brand of Point fixed Structural Glass System in TURKEY. UVEKOL UV curable glass laminating system is a registered trademark of Cytec Surface Specialties Inc.