



Vitro Architectural Glass
 Glass Technology Center
 400 Guys Run Road
 Cheswick, PA 15024 U.S.A.

Manufacturing Plant:
 Vitro Works 4 -Wichita Falls
 7400 Central Fwy
 Wichita Falls, TX 76305

Solarban®70XLVT on Optiblue	EN 1096-4	
Solarban z75VT	Basic soda lime silicate glass intended to be used in building and construction works values as of February 2014	
Essential Characteristics	6mm	8mm
Resistance to Fire	NPD	NPD
Reaction to Fire	NPD	NPD
External Fire Performance	NPD	NPD
Bullet Resistance	NPD	NPD
Explosion Resistance	NPD	NPD
Burglar Resistance	NPD	NPD
Pendulum Body Impact Resistance	NPD	NPD
Resistance against sudden temperature changes and temperature differentials	NPD	NPD
Wind, Snow, Permanent and Imposed Load Resistance (mm)	6	8
Direct Airborne Sound Insulation	NPD	NPD
Thermal Properties		
Thermal Transmittance (U-value)	NPD	NPD
Radiation Properties		
Light Transmittance	0.52	0.46
Light Reflectance (coated side/glass side)	0.04/0.06	0.04/0.060
Solar Direct Transmittance	0.24	0.22
Solar Direct Reflectance (coated side/glass side)	0.49/0.23	0.49/0.18
Solar Factor – g value Total Solar Energy Transmittance	0.31	0.30
UV Transmittance	0.06	0.05
Corrected Emissivity	0.021	0.021
Durability (Resistance to Solar Radiation)	Pass	Pass

NPD = No Performance Determined

