



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®60VT on Optiblue	EN 1096-4	
Solarban z50VT	Basic soda lime silicate glass intended to be used in building and construction works values as of February 2014	
<b>Essential Characteristics</b>	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
<b>Thermal Properties</b>		
Thermal Transmittance (U-value)	NPD	NPD
<b>Radiation Properties</b>		
Light Transmittance	0.57	0.51
Light Reflectance (coated side/glass side)	0.03/0.05	0.03/0.05
Solar Direct Transmittance	0.35	0.31
Solar Direct Reflectance (coated side/glass side)	0.36/0.17	0.35/0.14
Solar Factor – g value Total Solar Energy Transmittance	0.41	0.39
UV Transmittance	0.17	0.14
Corrected Emissivity	0.035	0.035
Durability (Resistance to Solar Radiation)	Pass	Pass

NPD = No Performance Determined

