



Super Spacer®



SimplyClean\*

## SSP GLASS TO THE POWER OF <sup>3</sup>

### Security

- SSP glass is the safety glass of choice for commercial institutions such as banks.

### Sound Reduction

- When combined with Super Spacer®, SSP glass provides one of the best sound reduction packages in the market.

### Performance

- When SSP glass is combined with LoE, the improvement in U and R value are at a new level of performance.

## Security



- Burglars are 12 times less likely to try and break and enter through a window that has SSP glass.
- 10 times stronger than regular unannealed glass.
- Provides peace of mind.
- Even after breakage, SSP Glass remains intact.

## Sound

- STC or Sound Transmission Class which represents a class that assigns the noise property reduction value of a material type.
- The higher the STC value, the better the material is at reducing sound.

Glass Combinations	STC RATING
3mm piece of monolithic glass	30
Insulating glass 3mm-3/8" Airspace-3mm	31
6mm laminated glass (3mm-PVB-3mm)	35
Triple glass (3mm-3mm-3mm)	33
6mm laminated insulating /1/2" Air Space/3mm	39



## Sound Reduction

- The table below measures in the improvement in sound reduction using the different glass types with Vinylbilt Super Spacer<sup>®</sup>

Noise Source	Normal Sound Rating	Sound Reduction Through**		
		STC Rating 31*	STC RATING 35*	STC RATING 39*
	STD VALUE	Typical Dual Glazed Window	Typical Triple Glazed Window	Vinylbilt SSP Package***
Local City Traffic	80	Electric Shaver	Person Speaking	Quiet Home
Heavy Highway Traffic	100	Inside a Car	Vacuum Cleaner	Normal Conversation

\* Based on data provided by Riverbank Acoustical Laboratories.

\*\* Based on data provided by Sonic Studio Handbook.

\*\*\* Based on glass data.

## Performance

Glass Type	Visible Light	Performance Data*			UV Protection
		SHGC	U Value	R Value	
Dual Pane Clear	82	0.76	0.48	2.08	56%
Dual Pane Regular LoE	80	0.69	0.26	3.84	49%
Triple Pane Regular LoE	73	0.61	0.25	4.02	76%
SSP with Regular LoE	65	0.54	0.19	5.15	98%

\*25% improvement in R value.

## Vinylbilt Windows & Doors Corp.

Tel: 905.669.1200 / 1.800.361.1753

Fax: 905.669.3766 / 1.888.995.9092

[www.vinylbilt.com](http://www.vinylbilt.com)