



Find glass exposing? Be surprised! Glass technology has evolved over the years to adapt its visibility and sound insulating performance.

SSG will explore the glass options for Visual and Audio Privacy in the upcoming sections, complete with Graphics for easier understanding!

[Quick link to Visual Privacy](#)



[Quick link to Audio Privacy](#)



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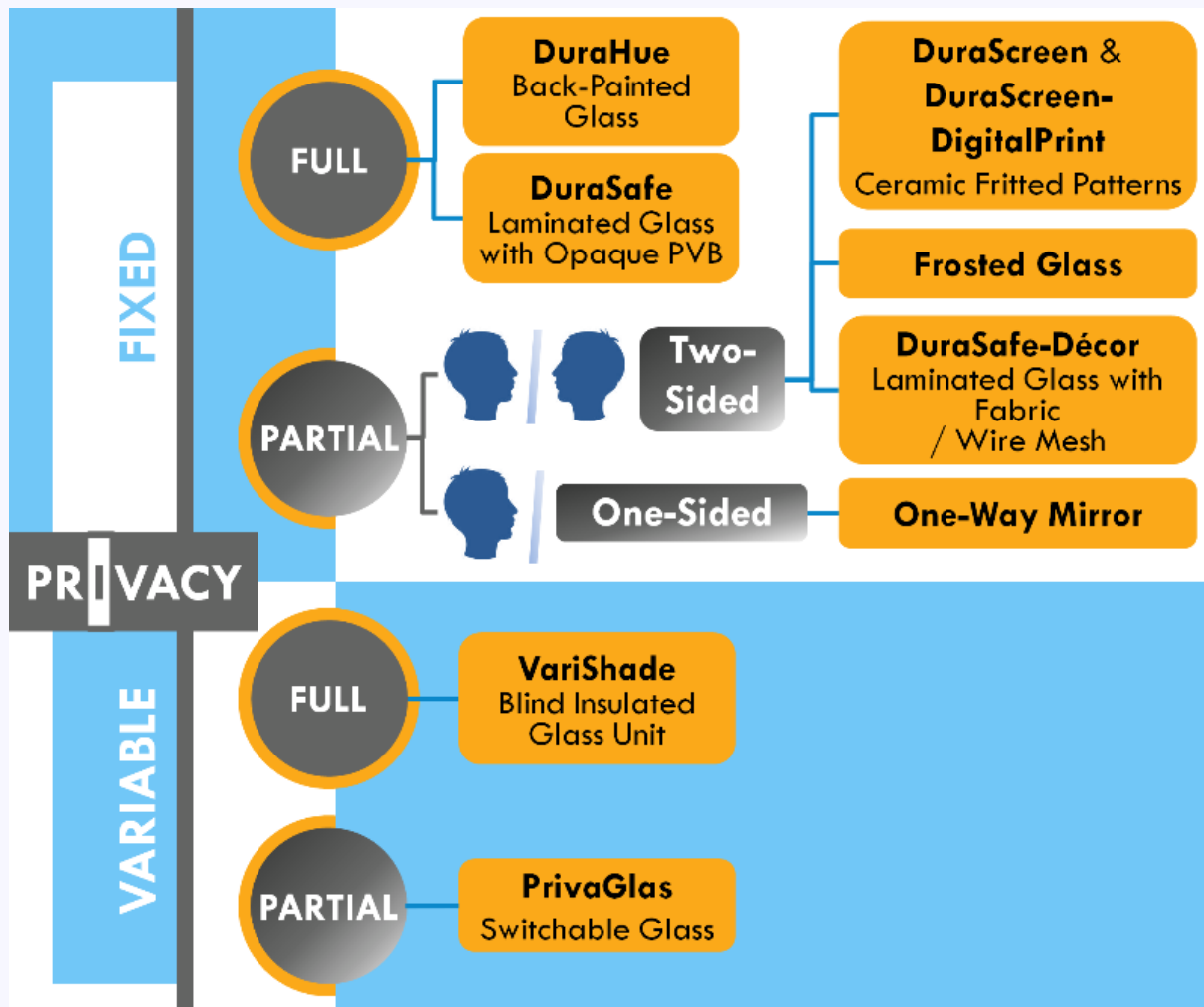
***Trending use of glass as shower screens and windows for toilets;  
How can i ensure my privacy?***

## Visual Privacy



**Glass ranges from full clear to full opaque.**

Let us choose the right glass for the right amount of privacy.



When someone asks for "glass with privacy", "translucent glass", or "sandblasted glass", they probably do not have the best idea what they really want. The Decision Tree is a simple way for you to decide on the glass type for your desired privacy.

*Step 1: Are you fixing the level of privacy (FIXED) or do you want to be able to control when you need the privacy (VARIABLE)?*

*Step 2: Do you want complete privacy (FULL) or is a partial amount of transparency accepted (PARTIAL)?*

*Step 3: Do you need the privacy from both viewing sides (Two-Sided) or from one viewing side (One-Sided) of the glass?*

With that, we conclude with the glass you need! Keep that in mind and contact us for price and specifications!

[CONTACT SSG](#)

## Dealing with Frosted Glass

Take note when you choose to use frosted glass! While visibility across the glass panels may

give you an acceptable level of privacy under normal lighting (such as when you view a sample-sized glass), the same glass under actual installation can give privacy issues – when the lighting on one side is brighter than the other, due to the Silhouette Effect.

## Silhouette Effect

An effect most noticeable with the frosted glass, there will be a “silhouette effect” which causes the shadow of a person or article on the brighter side to be seen by someone on the darker side. The greater the difference in illumination across the glass panel, the clearer the view.

## Privacy for Shower Screens

There are many types of frosted glass which you can consider for your shower screens.

**Sandblasted** or **acid-etched glass** for shower screens pose two main issues:

1. The glass gets clearer after it comes in contact with water.
2. The uneven surface may promote algae growth.

At SSG, we recommend the use **laminated translucent glass** ([DuraSafe](#)) or **full fritted glass** ([DuraScreen](#)) as shower screens. Both products are certified safety glass.

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*I do not wish to hear the noise outside my room, but I want to see what is happening around. What glass do I use?*

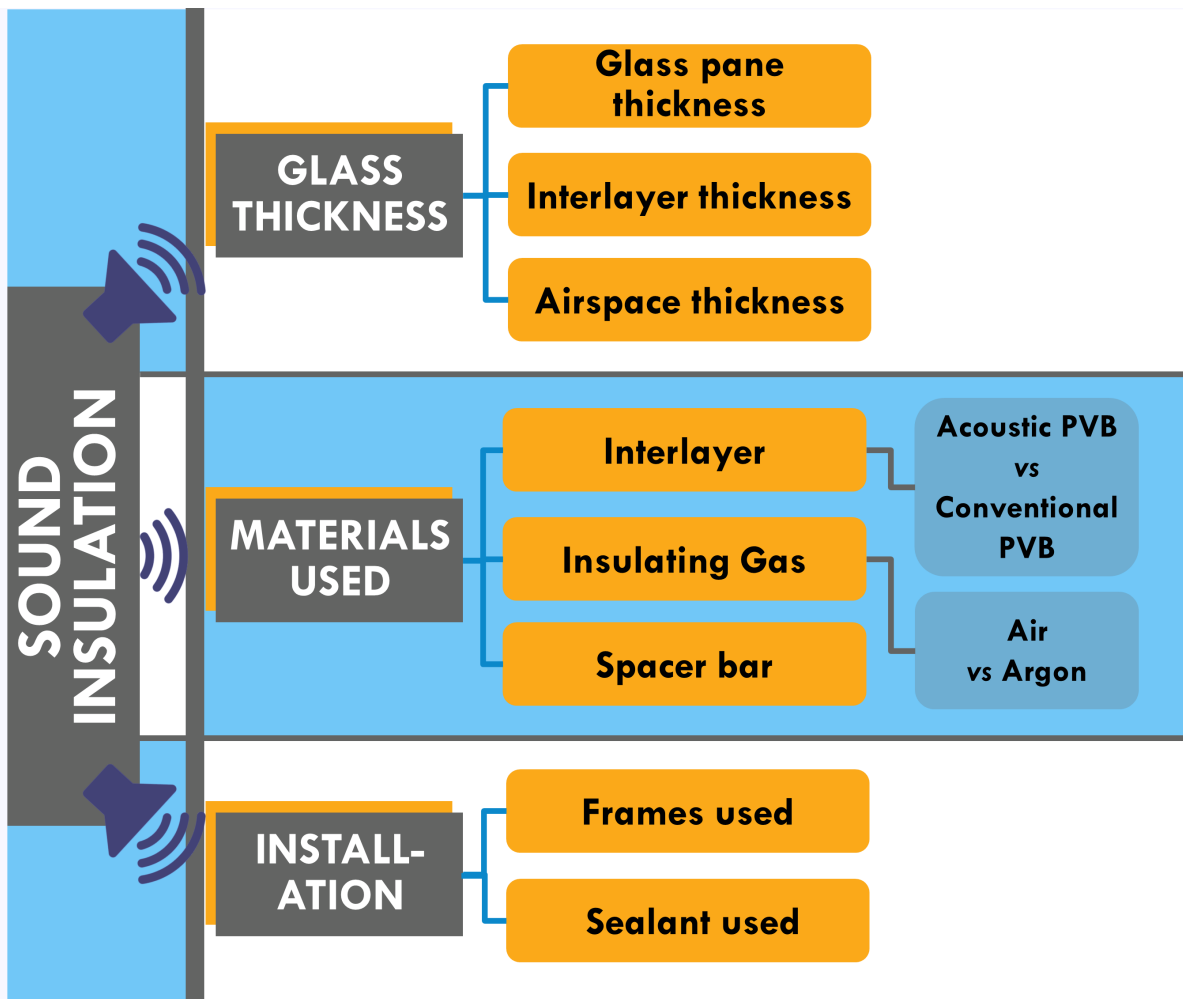
# Audio Privacy



## Glass insulates sounds in various ways

Acoustic insulation works by reducing a sound wave's energy. This is important whether your building is along roads of heavy traffic or you need a partition for your conference room.

## Factors to Sound Insulation



*So? Which glass is "quiet enough" for me?*

Sounds transmission in building materials used the Sound Transmission Class (STC) and Outdoor-Indoor Transmission Class OITC as a yardstick.

**A higher value denotes better sound-blocking capabilities.**

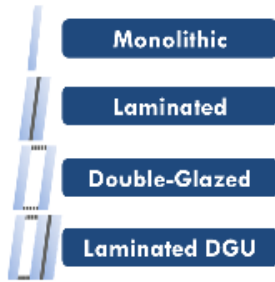
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Past Issues

Transl

**STC measures  
the sound levels for  
INTERIOR  
PARTITIONS.**



**OITC measures  
the sound levels for  
EXTERIOR WALLS.**

**STC**

**OITC**

Laminated DGU with Acoustic PVB

43

42

Laminated DGU

41

Double-Glazed

40

Laminated with Acoustic PVB

39

Laminated

38

37

36

Laminated DGU

35

34

Monolithic

33

32

31

30

Monolithic

29

28

Laminated  
DGU with  
Acoustic PVB

Laminated  
with Acoustic  
PVB

Laminated

Double-Glazed

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