



## ACOUSTIC

# VLam™ Hush

## Acoustic laminated glass

**VLam™ Hush is a laminated glass with a specially developed interlayer to dampen noise, providing enhanced sound insulation performance.**

The unique noise absorbing qualities of VLam™ Hush reduces sound transmission by dampening vibrations that are associated to noise frequencies such as voices, traffic, trains and aircrafts.

Common solutions for noise reduction involve using thicker glass, VLam™ Hush means that thinner and lighter glass can be used for equivalent acoustic performance.

### Features and Benefits

- 6.5mm VLam™ Hush achieves the same acoustics compared to 10.38mm standard laminate, offering thinner glass options with superior acoustic performance.
- Reduces UV radiation by 99% reducing fading up to 8.5 times over normal glass.
- VLam™ Hush can be incorporated in an insulated glass unit with different glass types from across our product range to provide additional benefits such as privacy, security, noise reduction and energy efficiency.
- VLam™ Hush is a laminated Grade A safety glass.



## Considerations

### Installation

- For an accurate sound assessment, all elements of the building envelope need consideration in order to develop an accurate acoustic solution. This includes window frames, walls, floor and roof materials which all influence sound transmission.
- Ensure any airgaps and frames are well sealed to avoid noise leaks, poorly sealed spaces will leak both air and noise.



## Sectors

- Residential
- Commercial

## Applications

- Windows
- Doors
- Facades
- Partitions
- Retrofit Glazing

## How to Specify

- **Select glass processor**  
Viridian Glass
- **Select glass name**  
VLam™ Hush
- **Select tone & thickness**  
See chart below.
- **Select processes**  
Laminated or insulated glazed units.

## Standard Stock Sizes

Product Name	Thickness	Stock Size
VLam™ Hush Clear	6.5mm	5100mm x 3210mm
	8.5mm	
	10.5mm	
	12.5mm	
VLam™ Hush Grey	6.88mm	5100mm x 3210mm
VLam™ Hush Translucent	6.88mm	3660mm x 2440mm

**Note:** Subject to further processing requirements. Standard stock sizes do not reflect actual available stock, please consult Viridian.

## Performance Data

Product Name	Nominal Thickness (mm)	VLT (%)	U Value	SHGC	Selectivity
VLam™ Hush Clear	6.5	87	5.70	0.78	1.12
VLam™ Hush Clear	8.5	87	5.70	0.78	1.12
VLam™ Hush Clear	10.5	85	5.60	0.74	1.15
VLam™ Hush Clear	12.5	85	5.50	0.73	1.16
VLam™ Hush Grey	6.88	42	5.70	0.61	0.69
VLam™ Hush Grey	10.88	41	5.50	0.58	0.71
VLam™ Hush Grey	12.88	41	5.50	0.58	0.71
VLam™ Hush Translucent	6.88	68	5.70	0.69	0.99
VLam™ Hush Translucent	10.88	66	5.50	0.66	1.00
VLam™ Hush Translucent	12.88	66	5.50	0.65	1.02

**Note:** All performance data is determined using LBL window 7 software. NFRC 100 - 2010 conditions have been used. Glass surfaces are counted from the exterior to the interior of the building. Refer to Viridian Performance Data for more values.

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