

Hansen Products 2026

Range of products

In front since 1909

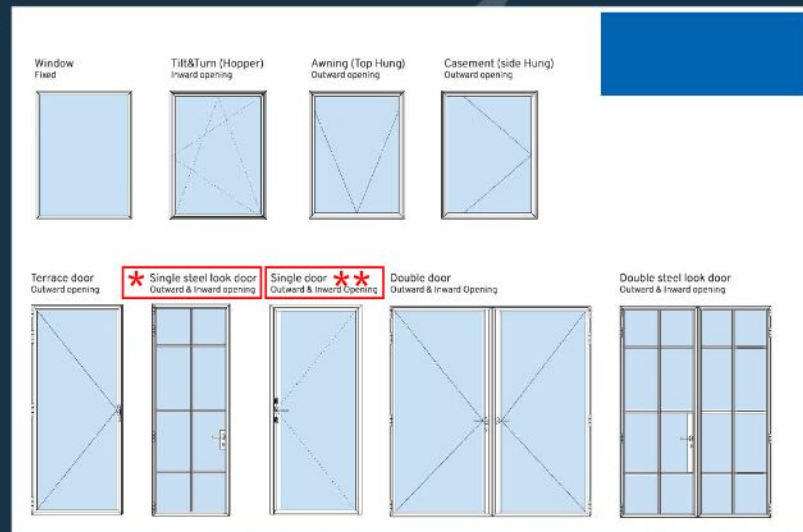


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Hansen Millennium Range of Products

Hansen Millennium offers a well-defined range of products:

1. Fixed Windows
2. Inward opening windows with Tilt&Turn function. Also available as double windows
3. Single and double entrance doors outward and inward opening, regular and „steel look”
4. Balcony/terrace doors also to be used as outward windows with visible hinges
5. Exclusively for UK market: outward opening side hung or top hung casement windows
6. Fire rated EI60 fixed windows
7. Arches
8. Glazing bars



*Steel-look door: The entire door leaf is made from a thin profile. The lock is housed in a casing and there is a cut-out in the glass pane. Laminated glass cannot be used in these doors.

**Regular door: The lock profile on the lock side of the door is a profile that is widened along its entire height

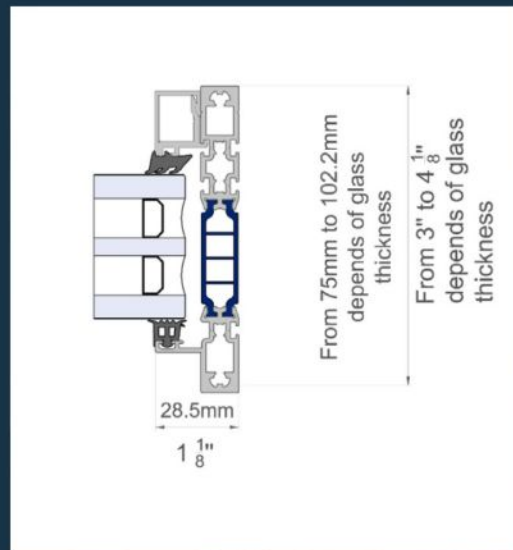


1. Hansen Millennium fixed windows

Main features:

- Ultra slim design: frame height 28,5mm
- Possible double frame colour
- Windows delivered as fully glazed
- Quick installation solution available

Limitations:	Minimum	Maximum
Weight	-	500kg/1100lb
Area	-	15/160
Width	20cm/8"	590cm/19'4"
Height	20cm/8"	590cm/19'4"
Glazing	20mm	48mm
Frame depth	75,7mm	130,6mm

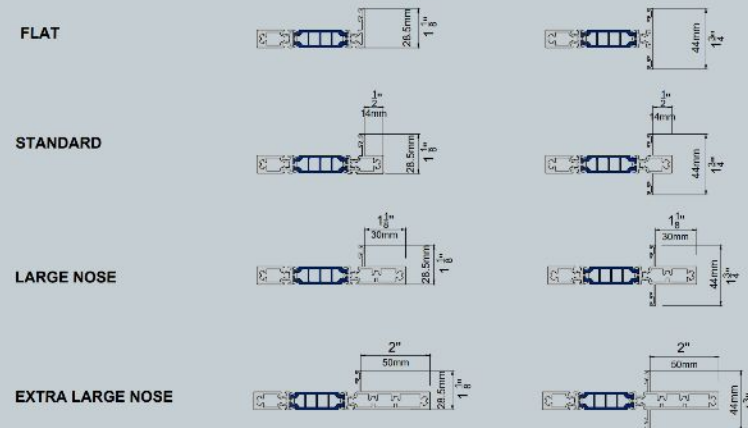


Hansen Millennium fixed windows

U-value Thermal performance	DGU Ug=1,0 Double Glazing Unit	TGU Ug=0,5 Triple Glazing Unit
U-value	1,2W/(K) 0,21Btu/h	0,75W/(K) 0,13Btu/h

Certification:	
Burglary	RC2
Burglary - UK market	PAS24 2012
Air, Water, Wind	ASTM – PG50
Thermal performance	NFRC

Type of performance	
Air permability	Class 4
Water Tightness	E 1200
Resistance to wind load	Class C3
Sound reduction	44 (-2,-5)dB





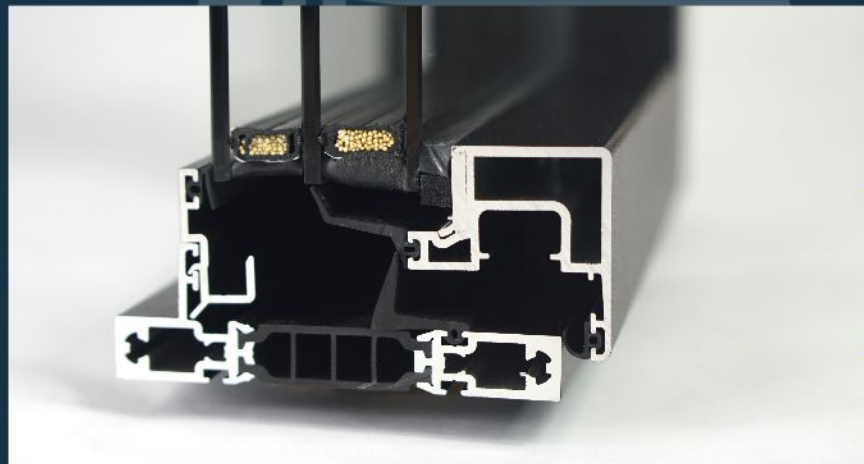
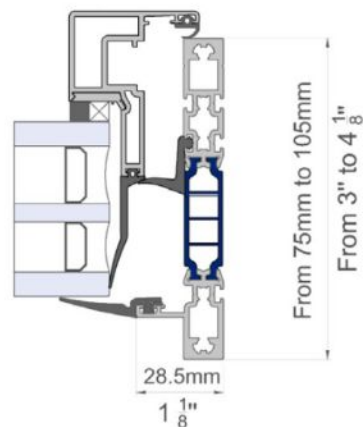
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2. Hansen Millennium Tilt&Turn windows – Inward opening only

Main features:

- Ultra slim design: frame height 28,5mm
- Possible double frame colour
- Concealed window sash
- Concealed fittings by Winkhaus
- Glass structurally bonded to the sash frame
- Concealed drainage

Limitations:	Minimum	Maximum
Weight	-	150kg/330lb
Area	-	3/32
Width	38cm/1'3"	172cm/5'8"
Height	46cm/1'6"	305cm/9'2"
Glazing	26mm	67mm
Frame depth	84,7mm	113,7mm





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Hansen Millennium Tilt&Turn windows

U-value Thermal performance	DGU Ug=1,0 Double Glazing Unit	TGU Ug=0,5 Triple Glazing Unit
U-value	1,3W/(K) 0,23Btu/h	0,84W/(K) 0,15Btu/h

Certification:	
Burglary	RC2
Burglary - UK market	PAS24 2012
Air, Water, Wind	ASTM – PG50
Thermal performance	NFRC
Natural Smoke Ventilator	CE Marking

Type of performance	
Air permability	Class 4
Water Tightness	E 1200
Resistance to wind load	Class C3
Sound reduction	44 (-2,-5)dB

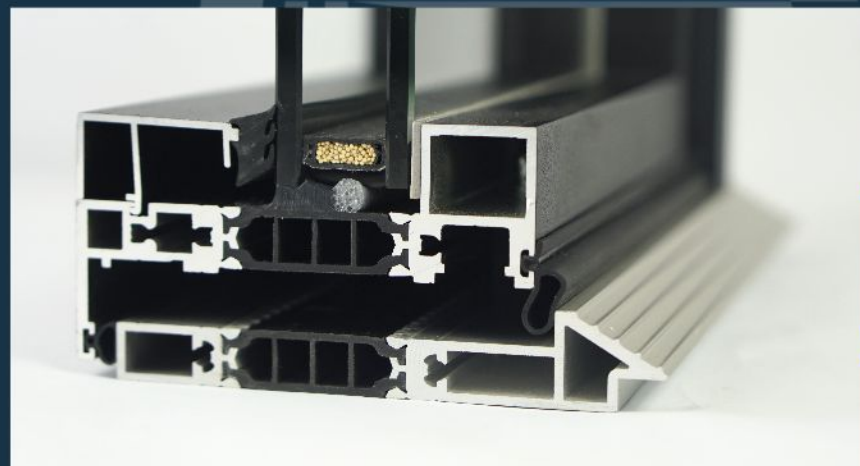
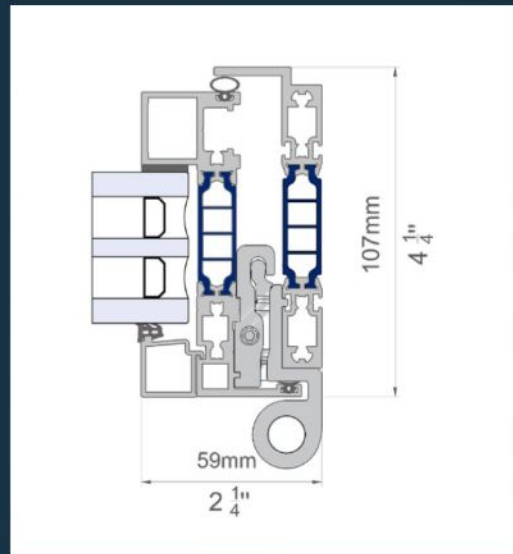


3. Hansen Millennium doors

Main features:

- Available as slimline entrance single or double door
- Available as steel-look slimline single or double door
- Inward and outward opening possible
- Possible double frame colour
- Black anodised threshold available
- Slim visible hinges
- Multipoint lock by Fuhr
- Concealed or visible door closers
- Concealed drainage

Limitations:	Minimum	Maximum
Weight	-	136kg/300lb
Area	-	3/32
Width	60cm/1'12"	150cm/4'11"
Height	60cm/1'12"	305cm/10'
Glazing	30mm	52mm
Frame depth	97,5mm	106,5mm



Hansen Millennium doors

U-value Thermal performance	DGU Ug=1,0 Double Glazing Unit	TGU Ug=0,5 Triple Glazing Unit
U-value	1,3W/(K) 0,23Btu/h	0,91W/(K) 0,16Btu/h

Certification:	
Burglary - UK market	PAS24 2012

Type of performance	
Air permability	Class 4
Water Tightness	E 1200
Resistance to wind load	Class C3





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4. Hansen Millennium balcony doors/ outward opening windows with visible hinges

Main features:

- Available as steel-look slimline single or double door
- outward opening
- Possible double frame colour
- Black anodised threshold available
- Slim visible hinges
- Concealed drainage
- Can be used as outward opening slimline window with visible hinges

Limitations:	Minimum	Maximum
Weight	-	136kg/300lb
Area	-	3/32
Width	60cm/1'12"	150cm/4'11"
Height	60cm/1'12"	305cm/10'
Glazing	30mm	52mm
Frame depth	97,5mm	106,5mm





Hansen Millennium balcony doors/ outward opening windows with visible hinges

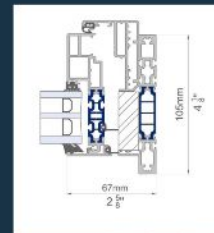
U-value Thermal performance	DGU Ug=1,0 Double Glazing Unit	TGU Ug=0,5 Triple Glazing Unit
U-value	1,3W/(K) 0,23Btu/h	0,91W/(K) 0,16Btu/h

Certification:	
Air, Water, WInd	ASTM – PG50

Type of performance	
Air permability	Class 4
Water Tightness	E 1200
Resistance to wind load	Class C3



5. Hansen Millennium outward opening windows (awning/scissor fittings)



Main features:

- Available only with Triple Glazing Unit
- Available as top hung. Side hung outward opening windows with concealed fittings are available in limited range. Please refer to the next page.
- For side hung outward opening with visible hinges please check chapter 4: Balcony doors
- Possible double frame colour
- Concealed drainage

Limitations for top hung:	Minimum	Maximum
Weight	-	180kg/400lb
Area	-	3/32
Width	43cm/1'5"	160cm/5'3"
Height	48cm/1'7"	250cm/8'2"

U-value Thermal performance	DGU Ug=1,0 Double Glazing Unit	TGU Ug=0,5 Triple Glazing Unit
U-value	1,3W/(K) 0,23Btu/h	0,91W/(K) 0,16Btu/h

Hansen Millennium outward opening windows (scissor fittings)

Side hung option:	Minimum	Maximum
Weight	-	50kg
Area	-	1,3
Width	60cm/1'5"	80cm/5'3"
Height	80cm/1'7"	220cm/8'2"

Height/Width	600mm	700mm	800mm
800mm	✓	✓	✓
1000mm	✓	✓	✓
1200mm	✓	✓	✓
1400mm	✓	✓	✓
1600mm	✓	✓	✓
1800mm	✓	✓	✗
2000mm	✓	✗	✗
2200mm	✓	✗	✗



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6. Hansen Millennium EI60 – only fixed screens

Main features:

- EI60 fire protection class
- Slim profile appearance identical to standard Hansen Millennium windows
- Tested according to norm EN 1364-1:2025
- Maximum width: 1752mm/141'
- Maximum height: 3600mm/5'8"
- Maximum glass area: 5,24/56ft²

Variants

E 60

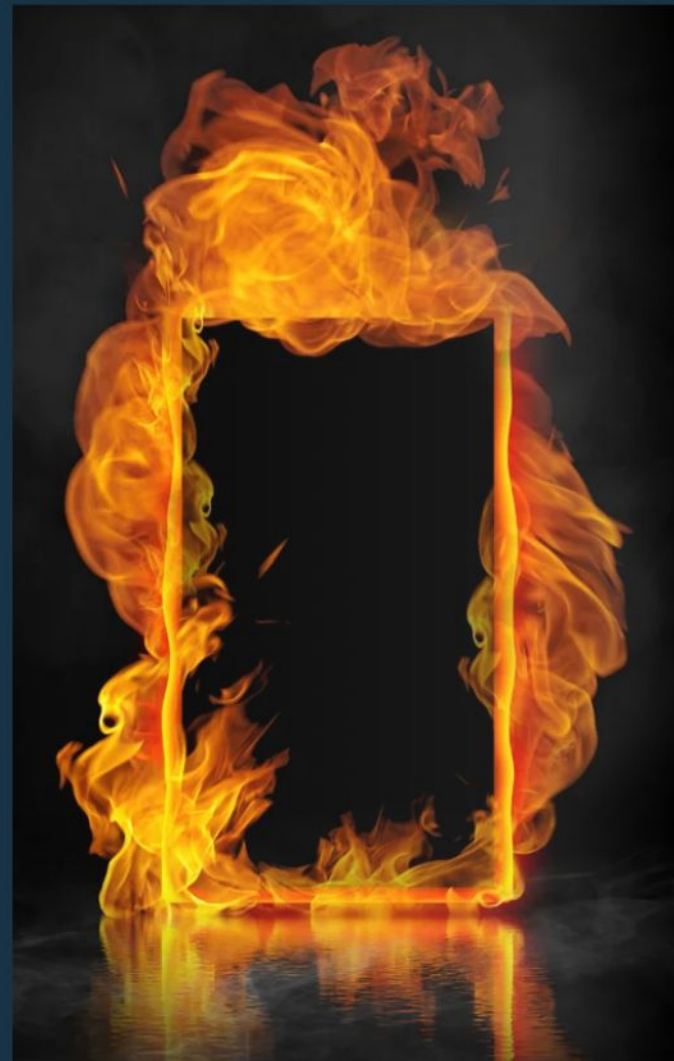
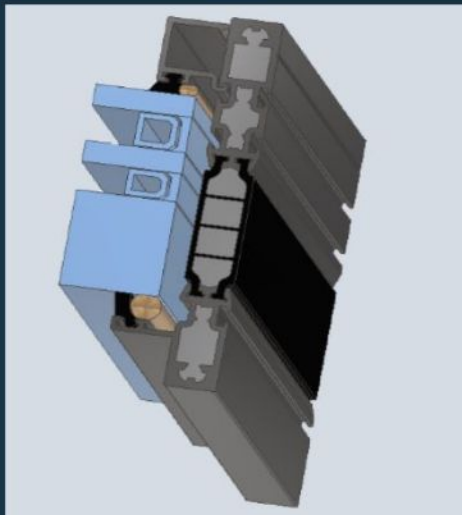
EI 60

EW 60

Air permeability: **Class 4**

Water tightness: **E 1200**

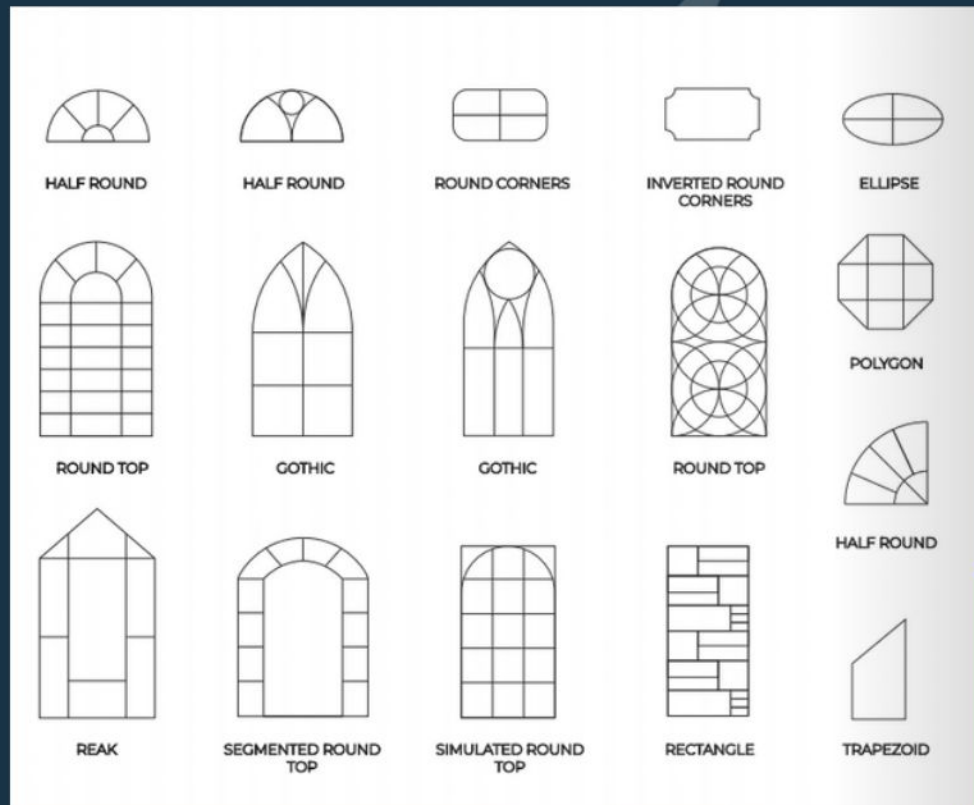
Resistance to wind load: **C3**



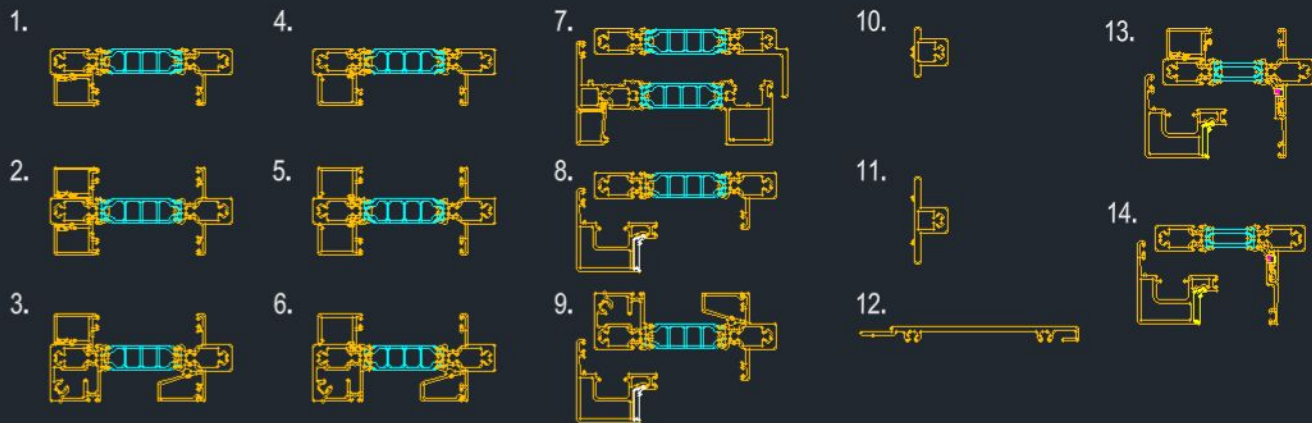
7. Hansen Arches

Ultra-slim profile design allows us to create unusual shapes to match original historic design of the building or the customer's imagination.

Those are just a few typical examples of window shapes that can be made with the use of Hansen Millennium profile system. All shapes are based on a combination between true dividers and grids/stylebars if necessary.



1. minimum radius 300mm : basic frame with double glazing bead
2. minimum radius 300mm : wide frame with 2 double glazing beads
3. minimum radius 300mm : wide frame + accessories with double glazing bead
4. minimum radius 250mm : basic frame with standard glazing bead
5. minimum radius 250mm : wide frame with 2 standard glazing beads
6. minimum radius 300mm : wide frame + accessories with standard glazing bead
7. minimum radius 300mm : door frame + door leaf
8. minimum radius 350mm : window frame + window sash
9. minimum radius 350mm : glazing bar + window sash
10. minimum radius 200mm : glazing bar 25mm
11. minimum radius 250mm : glazing bar 44mm
12. minimum radius 300mm : nail fin

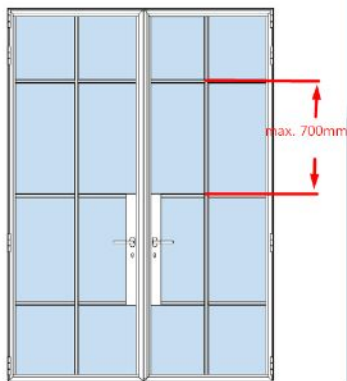


8. Glazing bars

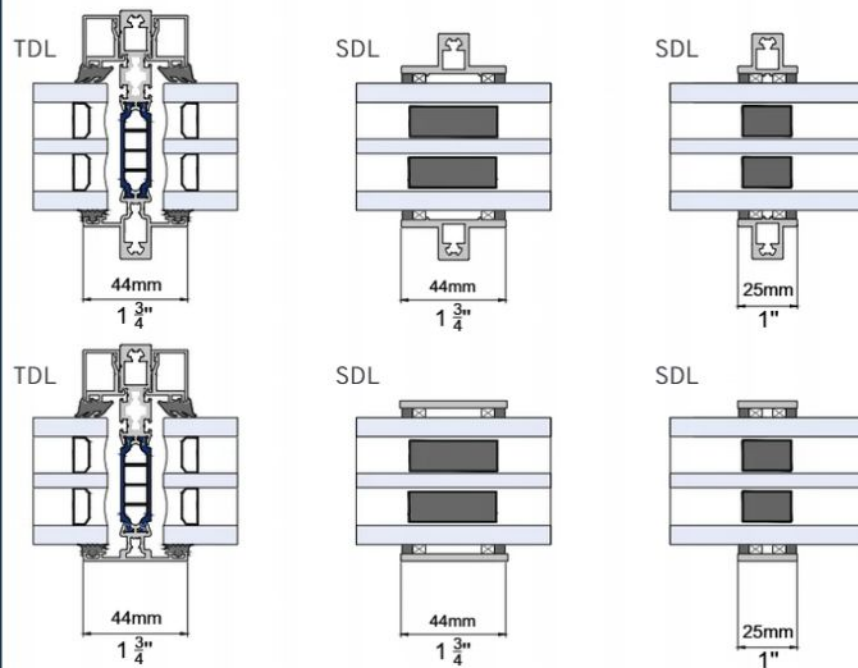
Simulated Divided Lite (SDL)

This solution has the advantage of providing a consistent external appearance between our stick-on grids and true dividers.

This makes maintenance easy and enhances the overall curb appeal of your property while offering customization options to suit your design preferences.



In the case of SDL, the maximum length of a glass spacer to the nearest joint is 700 mm. It is possible to produce glass spacers up to 1200 mm in length, but this requires consultation with the glass supplier on a case-by-case basis.





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