

## Reynaers HiFinity Sliding

### Benefits

Minimal look with ultra slim sightlines

Perfect choice for low-energy buildings

3-rail or 2-rail design options

High Insulation variant available for best thermal and acoustic performance

Burglarproof variant available for highest security and safety standards

### Technical Information

#### Reynaers HiFinity – Performance EU Units

<b>Energy</b>	
Thermal Insulation – $U_w$	0.87 W/m <sup>2</sup> K
<b>Comfort</b>	
Air tightness	Class 4 (600Pa)
Water tightness	Class E750A (750Pa)
Acoustics – $R_w(C;Ctr)$	46(-1;-3) dB
Wind load resistance	Class C5 (2000Pa)
<b>Safety</b>	
Burglar resistance	RC2, PAS 24

#### Info.

# Reynaers HiFinity Sliding System

## Performance USA Units

<b>Energy</b>	
Thermal Insulation – U <sub>w</sub> - Double	0.28 Btu/hr.ft <sup>2</sup> .°F
Thermal Insulation – U <sub>w</sub> - Double	0.21 Btu/hr.ft <sup>2</sup> .°F
<b>Comfort</b>	
Air tightness	0.08 cfm/ft <sup>3</sup> / Class 4 (600Pa)
Water tightness	12 psf / Class E750 (750Pa)
Wind load resistance	Class C5 (2000Pa)
AAMA rating	Class CW
PG rating	60
Acoustics STC	45 dB
Acoustics OITC	37 dB
<b>Safety</b>	
Burglar resistance	RC2, PAS 24

### Info.

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# Reynaers HiFinity Sliding System

## Properties EU Units

<b>Max. Dimensions &amp; Weight</b>			
Min. height of element	1901 mm	Min. width of vent	1000 mm
Max. height of element	4165 mm	Max. width of vent	3500 mm
Min. width of element	2097 mm	Max. weight of vent	750 kg
Min. height of vent	1800 mm	Max. weight of fixed vent	1200 kg
Max. height of vent	4000 mm		
<b>Sightlines</b>			
Min. width central closer	67 mm	Depth vent	44 mm
Min. width meeting section	35 mm	Depth frame-vent	148 mm
Min. width transom profile	35 mm	Depth frame 2-rail	148 mm
Min. visible width (interior view)	8 mm	Depth frame 3-rail	236 mm
Min. visible width (exterior view)	8 mm	Depth frame 4-rail	325 mm
<b>Glazing</b>			
Min. glass thickness – frame/element	36 mm	Max. glass thickness – frame/element	54 mm
Min. glass thickness - vent	36 mm	Max. glass thickness - vent	54 mm
Rebate height	17 mm		
Glazing method	Envelope glazing, Structural Glued Glazing		

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## Properties USA Units

<b>Max. Dimensions &amp; Weight</b>			
Min. height of element	74 13/16 inch	Min. width of vent	39 3/8 inch
Max. height of element	164 inches	Max. width of vent	137 13/16 inch
Min. width of element	82 9/16 inch	Max. weight of vent	1653 lbs
Min. height of vent	70 7/8 inch	Max. weight of fixed vent	2645 lbs
Max. height of vent	157 1/2 inch		
<b>Sightlines</b>			
Min. width central closer	2 5/8 inch	Depth vent	1 3/4 inch
Min. width meeting section	1 3/8 inch	Depth frame-vent	5 13/16 inch
Min. width transom profile	1 3/8 inch	Depth frame 2-rail	5 13/16 inch
Min. visible width (interior view)	5/16 inch	Depth frame 3-rail	9 5/16 inch
Min. visible width (exterior view)	5/16 inch	Depth frame 4-rail	12 13/16 inch
<b>Glazing</b>			
Min. glass thickness – frame/element	1 7/16 inch	Max. glass thickness – frame/element	2 1/8 inch
Min. glass thickness - vent	1 7/16 inch	Max. glass thickness - vent	2 1/8 inch
Rebate height	11/16 inch		
Glazing method	Envelope glazing, Structural Glued Glazing		

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