

## Reynaers ConceptPatio 155 Sliding System

### Benefits

High-quality lift and slide system

High Insulation variant available

Enables large glass elements in a variety of opening types: Lift and Slide, Pocket, Open Corner

Variety of design options: 2-rail, 3-rail, Monorail Inside Glazed, Monorail Outside Glaze, Multirail

Hurricane-proof system made to withstand harsh conditions

### Technical Information

#### Reynaers ConceptPatio 155 Sliding System – Performance EU Units

<b>Energy</b>	
Thermal Insulation – $U_w$	0.99 W/m <sup>2</sup> K
<b>Comfort</b>	
Air tightness	Class 4 (600Pa)
Water tightness	Class E900 (900Pa)
Acoustics – $R_w(C;Ctr)$	42(-1;-3) dB
Wind load resistance	Class C4 (1600Pa)
<b>Safety</b>	
Burglar resistance	RC2, PAS 24
Impact resistance	I5/E5

#### Info.

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## Performance US Units

<b>Energy</b>	
Thermal Insulation – U <sub>w</sub> -Double	0.34 Btu/hr.ft <sup>2</sup> .°F
Thermal Insulation – U <sub>w</sub> -Triple	0.28 Btu/hr.ft <sup>2</sup> .°F
<b>Comfort</b>	
Air tightness	0.16 cfm/ft <sup>3</sup> / Class 4 (600Pa)
Water tightness	12 psf / Class E900 (900Pa)
Wind load resistance	Class C4 (1600Pa)
AAMA rating	Class AW
PG rating	60
Acoustics STC	40 dB
Acoustics OITC	35 dB
<b>Safety</b>	
Burglar resistance	RC2, PAS 24
Impact resistance	I5/E5

### Info.

Address: Ampelia, Ioannina 45 500 Greece. - Web: [www.simpasus.com](http://www.simpasus.com) // [info@simpas.gr](mailto:info@simpas.gr) - Phone: +30 26510 92177 // +30 697 668 9259

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## Properties EU Units

<b>Max. Dimensions &amp; Weight</b>			
Min. height of element	614 mm	Min. width of vent	700 mm
Max. height of element	3614 mm	Max. width of vent	2700 mm
Min. height of vent	500 mm	Max. weight of vent	400 kg
Max. height of vent	3500 mm	Max. weight of fixed vent	1500 kg
<b>Sightlines</b>			
Min. width central closer	210 mm	Depth frame-vent	155 mm
Min. width meeting section	50 mm	Depth frame monorail	155 mm
Min. width transom profile	50 mm	Depth frame 2-rail	155 mm
Min. height threshold	4 mm	Depth frame 3-rail	242 mm
Depth vent	68 mm		
<b>Glazing</b>			
Min. glass thickness – frame/element	4 mm	Max. glass thickness – frame/element	52 mm
Min. glass thickness - vent	4 mm	Max. glass thickness - vent	52 mm
Rebate height	25 mm		
Glazing method	Dry glazing, Siliconized glazing, Internal glazing, External glazing, Glazing Bead, Structural Glued Glazing		

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## Properties USA Units

<b>Max. Dimensions &amp; Weight</b>			
Min. height of element	24 <sup>3</sup> / <sub>16</sub> inch	Min. width of vent	27 <sup>9</sup> / <sub>16</sub> inch
Max. height of element	142 <sup>5</sup> / <sub>16</sub> inch	Max. width of vent	106 <sup>5</sup> / <sub>16</sub> inch
Min. height of vent	19 <sup>11</sup> / <sub>16</sub> inch	Max. weight of vent	881 lbs
Max. height of vent	137 <sup>13</sup> / <sub>16</sub> inch	Max. weight of fixed vent	3306 lbs
<b>Sightlines</b>			
Min. width central closer	8 <sup>1</sup> / <sub>4</sub> inch	Depth frame-vent	6 <sup>1</sup> / <sub>8</sub> inch
Min. width meeting section	1 <sup>15</sup> / <sub>16</sub> inch	Depth frame monorail	6 <sup>1</sup> / <sub>8</sub> inch
Min. width transom profile	1 <sup>15</sup> / <sub>16</sub> inch	Depth frame 2-rail	6 <sup>1</sup> / <sub>8</sub> inch
Min. height threshold	<sup>3</sup> / <sub>16</sub> inch	Depth frame 3-rail	9 <sup>1</sup> / <sub>2</sub> inch
Depth vent	2 <sup>11</sup> / <sub>16</sub> inch		
<b>Glazing</b>			
Min. glass thickness – frame/element	<sup>3</sup> / <sub>16</sub> inch	Max. glass thickness – frame/element	2 <sup>1</sup> / <sub>16</sub> inch
Min. glass thickness - vent	<sup>3</sup> / <sub>16</sub> inch	Max. glass thickness - vent	2 <sup>1</sup> / <sub>16</sub> inch
Rebate height	1 inch		
Glazing method	Dry glazing, Siliconized glazing, Internal glazing, External glazing, Glazing Bead, Structural Glued Glazing		

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