

## Schüco ASE 80 HI. Sliding System

### Benefits

A highly insulated sliding system with excellent thermal performance

Slimline appearance that ensures minimal looks and maximum transparency

Suitable for sustainable architectural projects and LEED-certified, Passive House standards

Burglarproof variation available

### Technical Information

#### Schüco ASE 80 HI. 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 – $R_w(C;Ctr)$	43 dB
Wind load resistance	Class C5 (2000Pa)
<b>Safety</b>	
Burglar resistance	RC2

#### Info.

# Schüco ASE 80 HI. Sliding System

## Performance USA Units

<b>Energy</b>	
Thermal Insulation – $U_w$	0.24 Btu/hr.ft <sup>2</sup> .°F
<b>Comfort</b>	
Air tightness	Class 4 (600Pa)
Water tightness	12 psf / Class E900 (900Pa)
Wind load resistance	Class C5 (2000Pa)
Acoustics – $R_w(C;Ctr)$	43 dB
AAMA rating	CW - AW
PG rating	35 – 40 - 60
<b>Safety</b>	
Burglar resistance	RC2

### Info.

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

# Schüco ASE 80 HI. Sliding System

## Properties EU Units

<b>Max. Dimensions &amp; Weight</b>			
Max. height of unit	3500 mm	Min. width of vent	630 mm
Max. width of unit	21000 mm	Max. width of vent	3500 mm
Min. height of vent	1334 mm	Max. vent weight	500 kg
Max. height of vent	3500 mm		
<b>Sightlines</b>			
Min. face width meeting section	172 mm	Min. system basic depth	180 mm
Max. face width meeting section	192 mm	Max. system basic depth	292 mm
Min. face width of mullion	40 mm	Min. face width of interlocking section	40 mm
Max. face width of mullion	107 mm	Vent frame face width	82 mm
Min. height threshold	< 12.5 mm		
<b>Glazing</b>			
Min. glass/panel thickness	24 mm	Max. glass/panel thickness	40 mm

### 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

# Schüco ASE 80 HI. Sliding System

## Properties USA Units

<b>Max. Dimensions &amp; Weight</b>			
Max. height of unit	137 <sup>13</sup> / <sub>16</sub> inch	Min. width of vent	24 <sup>13</sup> / <sub>16</sub> inch
Max. width of unit	826 <sup>3</sup> / <sub>4</sub> inch	Max. width of vent	137 <sup>13</sup> / <sub>16</sub> inch
Min. height of vent	52 <sup>1</sup> / <sub>2</sub> inch	Max. vent weight	1102 lbs
Max. height of vent	137 <sup>13</sup> / <sub>16</sub> inch		
<b>Sightlines</b>			
Min. face width meeting section	6 <sup>3</sup> / <sub>4</sub> inch	Min. system basic depth	7 <sup>1</sup> / <sub>16</sub> inch
Max. face width meeting section	7 <sup>9</sup> / <sub>16</sub> inch	Max. system basic depth	11 <sup>1</sup> / <sub>2</sub> inch
Min. face width of mullion	1 <sup>9</sup> / <sub>16</sub> inch	Min. face width of interlocking section	1 <sup>9</sup> / <sub>16</sub> inch
Max. face width of mullion	4 <sup>3</sup> / <sub>16</sub> inch	Vent frame face width	3 <sup>1</sup> / <sub>4</sub> inch
Min. height threshold	< <sup>1</sup> / <sub>2</sub> inch		
<b>Glazing</b>			
Min. glass/panel thickness	<sup>15</sup> / <sub>16</sub> inch	Max. glass/panel thickness	1 <sup>9</sup> / <sub>16</sub> inch

### 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