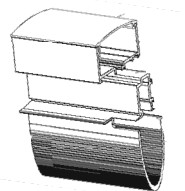
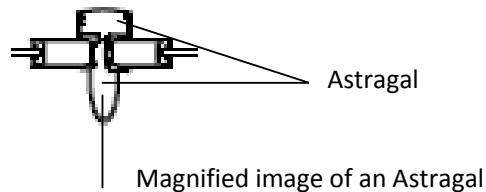
 NATIONAL GLASS	Tutorial for	Telesales
	Renaissance Sliding Doors	Date: 2013/11/29
		Rev no: 1
		Document No: ALU013

1. Definitions

- EDCIS - Eagle Door Change In Size
- Renaissance Sliding door - Eagle Aluminium's middle of the range sliding door; one step up from our Patio door in terms of quality and strength, with a better lock and stainless steel handle.
- BOM - Bill of Material
- Astragal - The connection between OXXO or OXXXXO doors which allows the doors to seal with each other.
 - An aluminium section attached to the door frames.



Similarities with the Patio door

- Both doors have the same glass limitations.
- Both doors use the same rollers.
- Both doors are channel glazed.
- Both use 5mm standard patio door blanks for standard size doors.

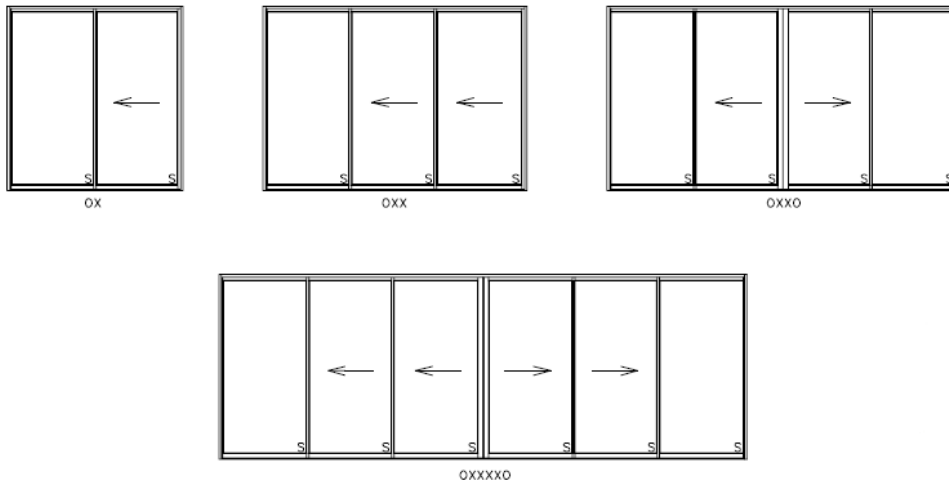
Similarities to Palace sliding door

- Both use the same cylinders and locks.
- Both doors can be designed >2400mm in height.

Competition

- The Renaissance door is in direct competition with Origin's Elite sliding door.

Configurations



2. Product Limitations

Number of panels

- 2,3,4 and 6

Aluminium limitations

- Maximum panel width 1500mm
- Maximum panel height 2790mm
- 100mm EDCIS rule applies to width on 2100mm and 2400mm doors.
- 25mm EDCIS rule applies to height on 2100mm and 2400mm doors.
- No midrail option available for Renaissance doors
 - Palace door is the only option if customer wants a midrail.
- Patio door sidelights and toplights must be used.
- Toplights wider than 2700mm are not recommended for fixing above Renaissance doors without structural support.
- Tri-slider Renaissance door + Sidelight combination requires an adaptor to finish off sidelight profile.






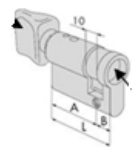
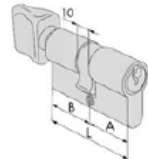
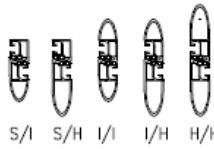
Glass limitations

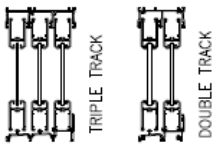
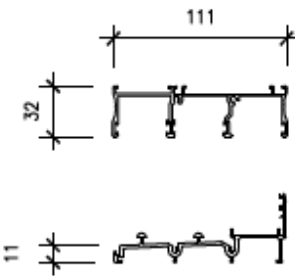
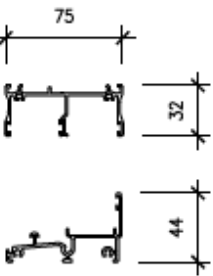
- Standard Patio door blanks – 5mm TSG
- NON Standard Patio doors – 6.38 pvb or 5mm TSG
- Maximum glass thickness – 6.76 pvb

Size limitations

- **Renaissance doors with a height of 2135mm can be manufactured at 2125mm; anything higher would need to be costed as 2400mm.**
 - I.e. anything above 2135mm EDCIS a 2400mm door down.
- Renaissance doors are reversible; HOWEVER exact configuration prior to manufacturing would be advised.
- OXXO and OXXXXO Renaissance doors come standard with 1 x Astragal.

3. Product knowledge

Type of hardware	Product knowledge	Diagram												
Handles	<p>Supplied with a stainless steel handle. T-MITRE handle included in the BOM. It is possible to change the handle. A straight handle cannot be used because the frame is narrow and the handle would be too close to the door jamb to get one's fingers into the handle. Mitred, cranked handle options available on request. Centre of T-Mitre handle is placed at 1050mm above FFL. Centre of lock spindle is placed at 900mm above FFL.</p>	<p>T-Mitre handle</p> 												
Locks	<p>Hook lock included in the BOM</p>  <p>Night Latch locks (PDHK04) can be used for extra security</p> 													
Cylinders	<p>Added separately on quote / order by Telesales.</p> <p><u>Options available.</u></p> <table border="0"> <tr> <td>Standard cylinder</td> <td>Half cylinder</td> <td>Half thumb turn Cylinder</td> <td>Full thumb turn Cylinder</td> </tr> <tr> <td>HDH19</td> <td>HDH47</td> <td>HDH25</td> <td>HDH26</td> </tr> </table>    	Standard cylinder	Half cylinder	Half thumb turn Cylinder	Full thumb turn Cylinder	HDH19	HDH47	HDH25	HDH26					
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Standard colours	<table border="0"> <tr> <td>NAT</td> <td>Natural Anodized</td> <td></td> </tr> <tr> <td>BRZ</td> <td>Bronze powder coated</td> <td>ANP9085</td> </tr> <tr> <td>MCH</td> <td>Matt bronze powder coated</td> <td>ANP3055</td> </tr> <tr> <td>WHI</td> <td>White powder coated</td> <td>ANP1052</td> </tr> </table>	NAT	Natural Anodized		BRZ	Bronze powder coated	ANP9085	MCH	Matt bronze powder coated	ANP3055	WHI	White powder coated	ANP1052	
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Interlockers	<p>Different interlockers used for different wind loads. Interlocker configurations:</p> <table border="0"> <tr> <td>Standard / Intermediate</td> <td>- S/I</td> </tr> <tr> <td>Standard / Heavy duty</td> <td>- S/H</td> </tr> <tr> <td>Intermediate / Intermediate</td> <td>- I/I</td> </tr> <tr> <td>Intermediate / Heavy duty</td> <td>- I/H</td> </tr> <tr> <td>Heavy duty / Heavy duty</td> <td>- H/H</td> </tr> </table>	Standard / Intermediate	- S/I	Standard / Heavy duty	- S/H	Intermediate / Intermediate	- I/I	Intermediate / Heavy duty	- I/H	Heavy duty / Heavy duty	- H/H	<p>Interlockers</p> 		
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Intermediate / Intermediate	- I/I													
Intermediate / Heavy duty	- I/H													
Heavy duty / Heavy duty	- H/H													

Tracks		
Head and Cill rails	<p style="text-align: center;">Triple track</p> 	<p style="text-align: center;">Double track</p> 

Horizontal sections of Renaissance doors

