

# centor

weathersealed multi-panel external sliding system



centor®

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# Creating Grand Openings

Achieving unprecedented width in a weathersealed external sliding opening, windows and doors using Centor's WS system feature one fixed and two sliding panels, which are parallel to one another. Used singly or in a pair with timber-framed sliding panels up to 150kg, the potential for optimising space, natural air movement and links between interior and exterior are significant.



Paired together with two panels telescoping in either direction, WS systems allow for openings as large as 6.1 metres wide by 2.4 metres high in the external walls of a residence or commercial project. A grander opening is possible across the full range of sliding specifications.

WS SPECIFICATIONS	
max panel load	150kg
max sill length	6100mm
max panel height	2400mm
max panel width	1500mm
door thickness	38mm
max number of panels	3 doors each way



# CREATING IMPRESSIONS

## Creating All-Season Views

More than just wider openings, WS' impressive weight-bearing capacity also means large format glazed door panels and a perfectly-framed panorama when doors are closed. WS hardware and tracking is deliberately unobtrusive and concealed where possible, putting the focus on the craftsmanship of the timber joinery and the grandeur of the views beyond.



### CARRIERS AND TRACKING

WS slides on two double-bogey roller carriers rebated into the base of each door panel. Each carrier allows for 8mm of vertical adjustment with a simple screw mechanism accessed via a small hole in the panel. Matching sill and head tracks are produced in aluminium with natural or bronze anodised finishes available. Finishes for all visible components complement the warmth and crafted, natural beauty of timber, whether a traditional or contemporary look is desired.

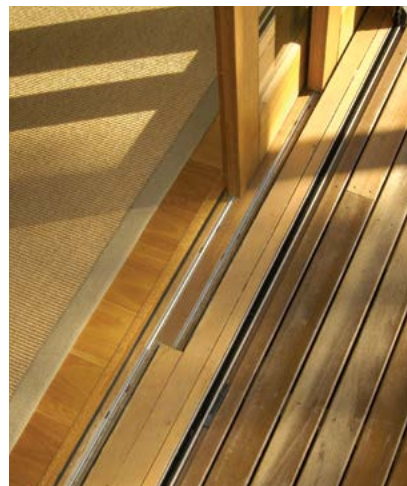
### PANEL CONTROL

Independently operating sliding panels allow for positioning versatility to suit a range of potential uses and climatic conditions. Openings can be varied from the width of one panel to two, three or four panels. Dedicated door collection and interlock assembly fittings keep door panels under control, open or closed. Centor's key-lockable DL dropbolts, best suited to the close-passing clearances of sliding doors, anchor closed doors firmly into place.

### WEATHER RESISTANCE

Fitted with appropriate weatherseals, doors based on the WS system provide a high degree of protection from wind and water in external applications. Centor recommends and supplies Schlegel weatherseals where required. The extruded aluminium sill provides a positive drainage system at the base of closed doors.

It is recommended that the fabricators/ joiners verify weather performance of WS doors as constructed by them, by testing to AS2047 Australian Standards for windows and doors.



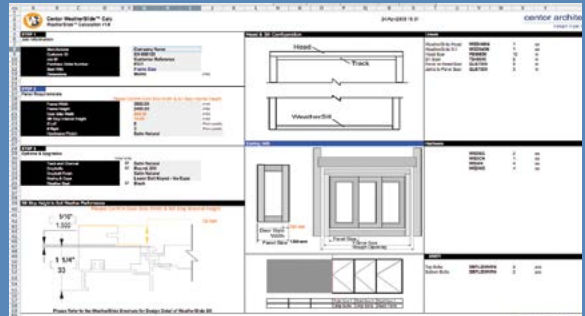
UNOBTRUSIVE HARDWARE EMPHASISES THE CRAFTED, NATURAL BEAUTY OF TIMBER DOORS.



# CREATING ASSURANCE

## 'Centor Grade' Design and Manufacture

Centor's reputation for the highest standards of quality and durability is built on an exhaustive laboratory testing regime at all stages of production. Including finite element analysis, corrosion testing, cyclic testing, and testing for extreme weather resistance; every environment a Centor product might face is anticipated. The thoroughness of testing and quality of manufacture is backed by a 10-year Warranty.



### FREE SPECIFICATION AND ORDERING SOFTWARE

Doorcalc, Centor's free specification and ordering software simplifies component selection and assists with calculating the size and number of door panels. Doorcalc can be downloaded from [www.centor.com.au](http://www.centor.com.au). It features intuitive drop-down menus to assist the inexperienced Excel® user and allows for identification of each job and automatic generation of an accurate hardware list, including barcodes, ready to forward to Centor.

# CREATING CONFIDENCE

### COMPONENT SELECTION

#### *Head And Sill Tracks*

WS' aluminium head and sill tracks are available in two lengths – 4.9 metres and 6.1 metres – with natural anodised or bronze anodised finish.

#### *Double Bogey Roller System*

Two double-bogey roller units per panel are required to ensure smooth operation and carry the maximum 150kg per panel.

#### *Door Collection Hardware*

Door collection hardware kits are available in natural anodised and brown powder-coated finishes.

#### *WeatherSeals*

Centor can supply Schlegel (TS48500, PB69650, and QLB7000) WeatherSeals to suit the WS door sealing.

#### *Dropbolts*

Centor's DL dropbolts are required for the narrow door passing clearances in sliding systems.

### PRODUCT TESTING & GUARANTEE

WS systems are tested to achieve high standards of quality and durability on which we've built our reputation. The Centor testing regime includes finite element analysis, corrosion, cyclic, and weather testing. At Centor we test for environments that our products could face during their lifecycle; this is backed up by a 10 year Warranty.



### SPECIFYING WS

Architects and Designers can feel comfortable simply specifying "Centor WS" and leaving detailed component selection to the builder, joiner or fabricator.

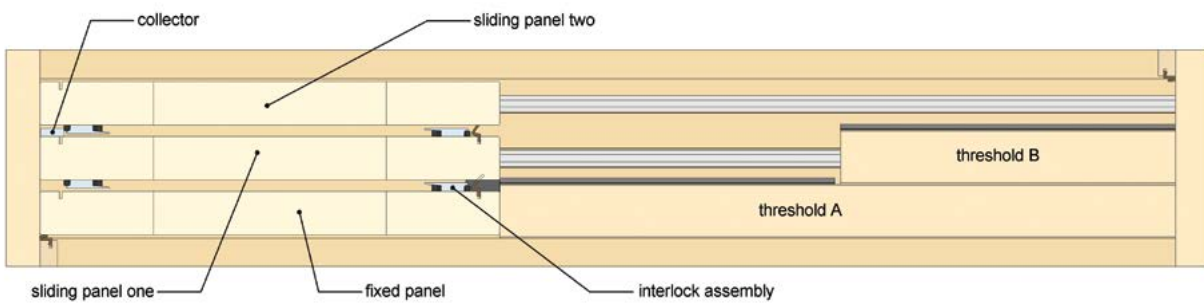
## Architectural Detail

### DOWNLOADABLE CAD FILES

Downloadable DXF or DWG files ready for use in your own documentation are a convenient resource for architects and specifiers wishing to use Centor systems.

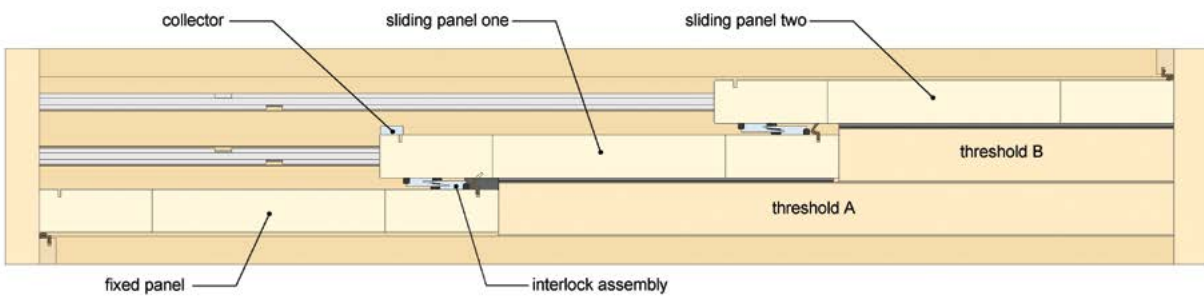
WS DXF or DWG files can be downloaded from [www.centor.com.au](http://www.centor.com.au)

### PANELS IN OPEN POSITION



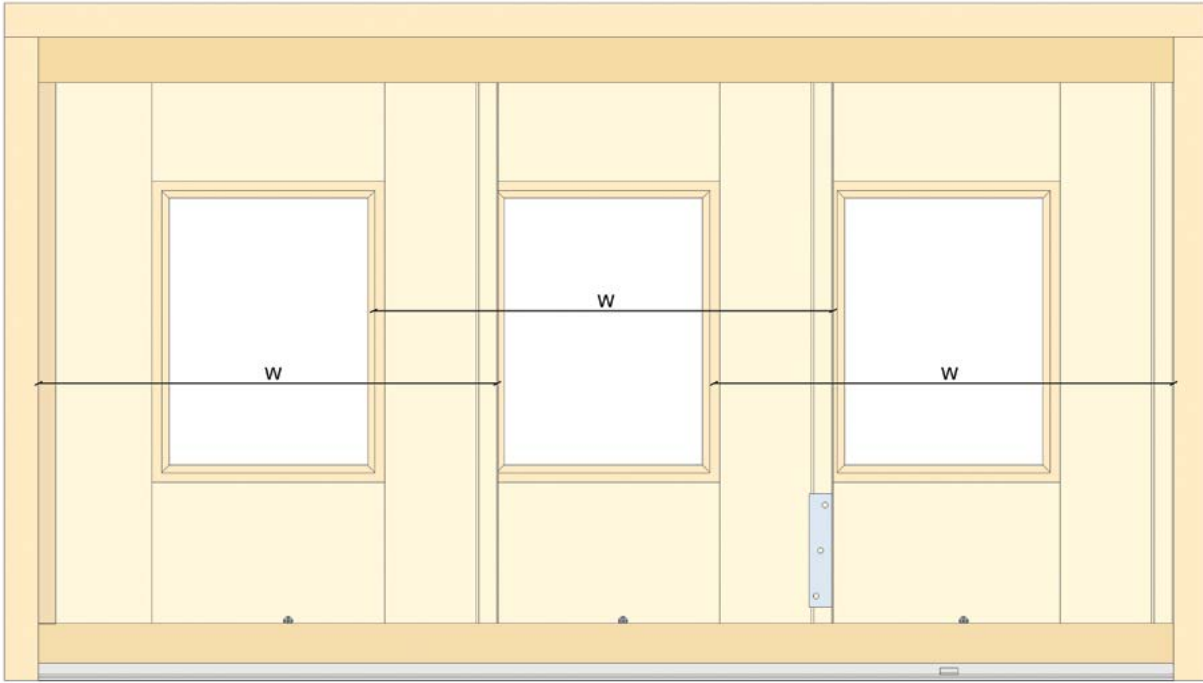
WS-001.DXF

### PANELS IN CLOSED POSITION



WS-002.DXF

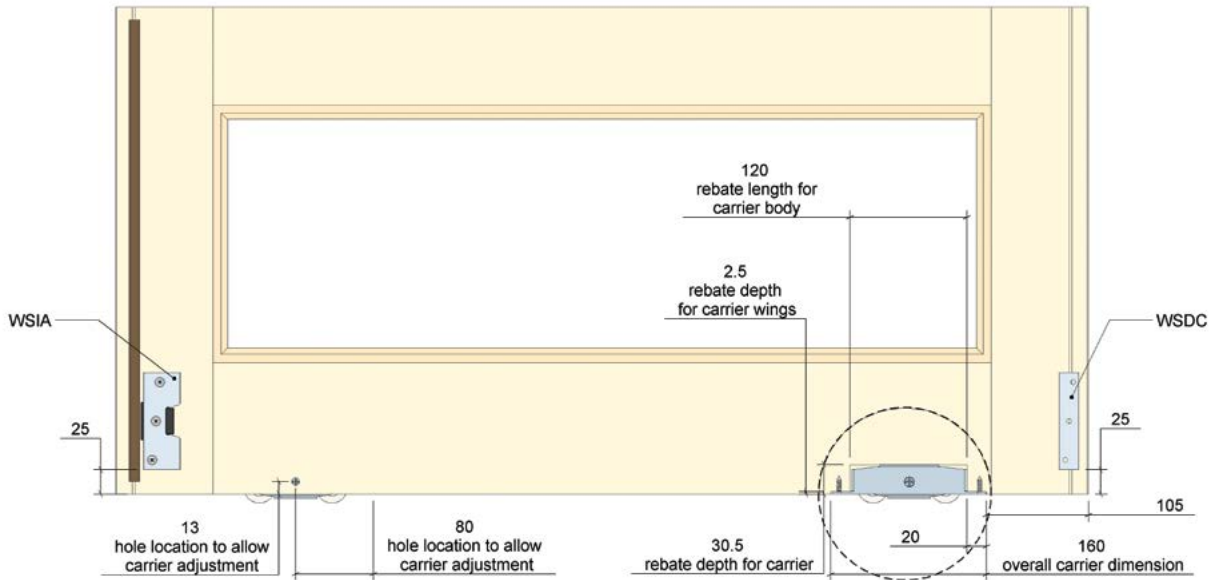
EXTERNAL VIEW OF EQUAL SIZED PANELS



W = equal sized panels

WS-003.DXF

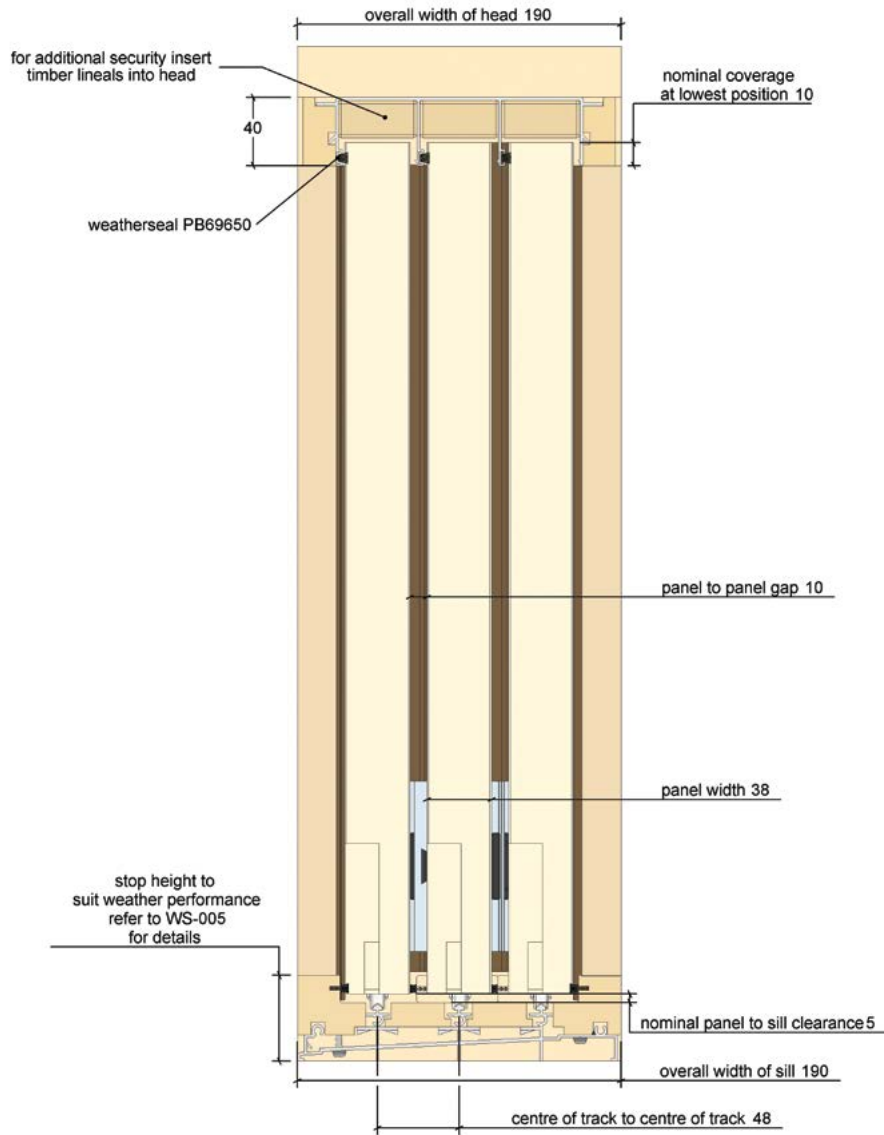
HARDWARE LOCATION



WS-008.DXF

# Architectural Detail

## VERTICAL SECTION

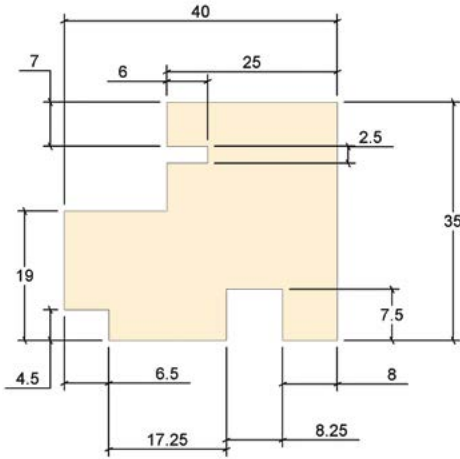


WS-004.DXF



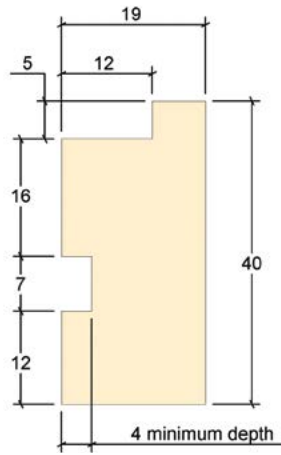
TIMBER PROFILES

OUTER



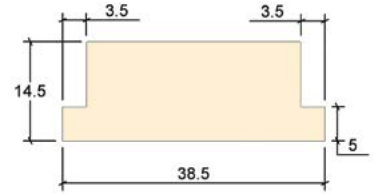
WS-005.DXF

PELMET



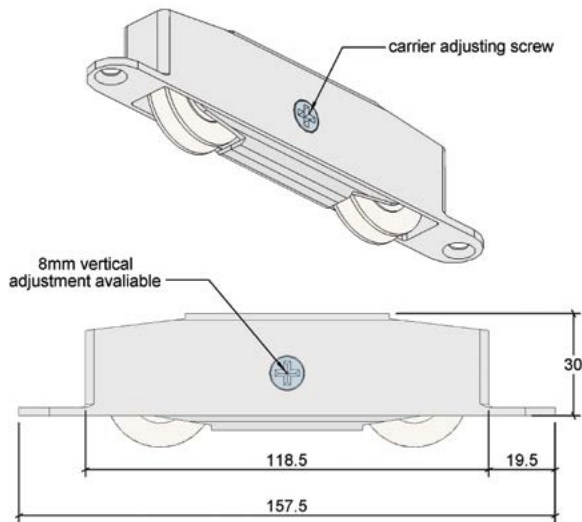
WS-007.DXF

INFILL



WS-006.DXF

TWO WHEEL CARRIER





WS-009.DXF

# Component Selection


## CARRIER

PART	PRODUCT CODE	DESCRIPTION
	WS2WC	2 wheel carrier



## HARDWARE

PART	PRODUCT CODE	DESCRIPTION
	WSCN	door collector, natural anodised
	WSCB	door collector, brown
	WSIAN	interlock assembly, natural anodised
	WSIAB	interlock assembly, brown

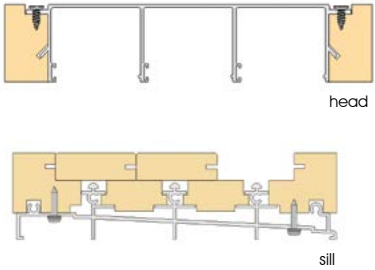
## HEAD

PART	PRODUCT CODE	DESCRIPTION
	WSDH61R	6100mm door head, bronze
	WSDH61N	6100mm door head, natural anodised
	WSDH49R	4900mm door head, bronze
	WSDH49N	4900mm door head, natural anodised

## SILL

PART	PRODUCT CODE	DESCRIPTION
	WSDS61R	6100mm door sill, bronze
	WSDS61N	6100mm door sill, natural anodised
	WSDS49R	4900mm door sill, bronze
	WSDS49N	4900mm door sill, natural anodised
	WSDSG	door sill gasket

## HEAD AND SILL (ASSEMBLY WITH TIMBER INSERTS)

PART	PRODUCT CODE	DESCRIPTION
	WSA49NSRC	WS assembly, 4900mm, satin natural, kwila sill, surian red pelmet
	WSA49NWRC	WS assembly, 4900mm, satin natural, kwila sill, western red pelmet
	WSA49RSRC	WS assembly, 4900mm, bronze, kwila sill, surian red pelmet
	WSA49RWRC	WS assembly, 4900mm, bronze, kwila sill, western red pelmet
	WSA61NSRC	WS assembly, 6100mm, satin natural, kwila sill, surian red pelmet
	WSA61NWRC	WS assembly, 6100mm, satin natural, kwila sill, western red pelmet
	WSA61RSRC	WS assembly, 6100mm, bronze, kwila sill, surian red pelmet
	WSA61RWRC	WS assembly, 6100mm, bronze, kwila sill, western red pelmet

## WEATHERSEALS

PRODUCT CODE	DESCRIPTION	PART
TS48500	Schlegel timber weatherseal	
PB69650	Schlegel weather weatherseal	
QLB7000	Schlegel kerf weatherseal	
black	black	bronze





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