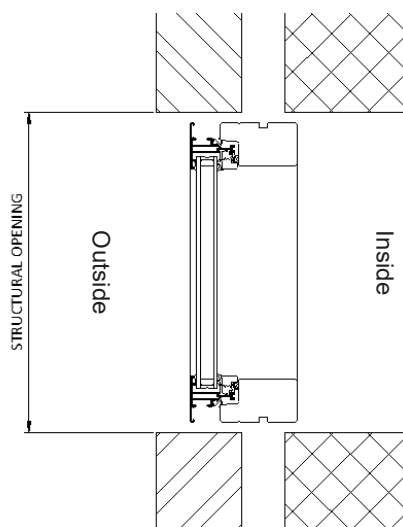


## FRAME DIMENSIONS & STRUCTURAL OPENINGS

The structural opening is the hole in the wall construction into which the window is to be placed. The structural opening is defined by the clear dimension between any components immediately adjacent to the window.

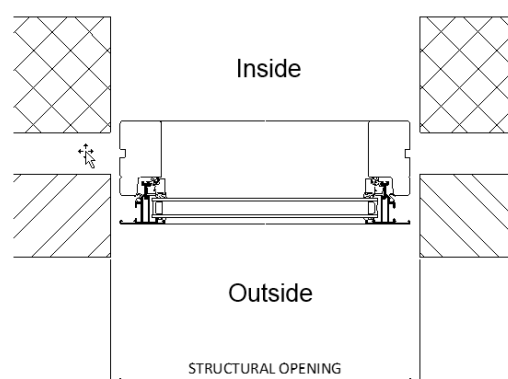
For examples of structural opening dimensions, please refer to the generic interfaces on our web site [http://www.velfac.co.uk/Homes/Standard\\_Interfaces](http://www.velfac.co.uk/Homes/Standard_Interfaces)

To arrive at your structural opening, use the clear dimension between the inside faces of your construction as shown on diagrams below.



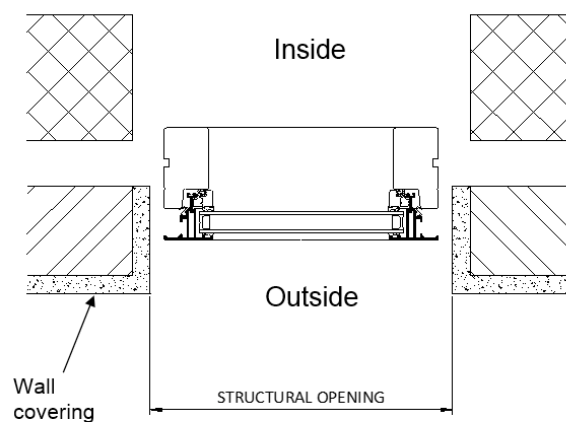
### NOTE: 200 SERIES WINDOWS

When using a wall covering such as render or cladding, then allowance must be made if this extends into the window zone. In these cases your structural opening will be the clear dimension between the inside faces of the wall covering as shown in the adjacent diagram.



**NB:** When using 200 series windows it is not possible to run render / timber cladding on to the face of the window, as the window will not open.

When providing opening sizes, please ensure that you take into consideration the thickness of any render or cladding



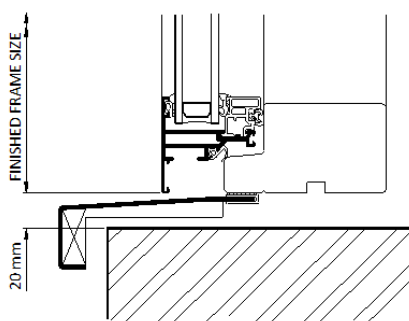
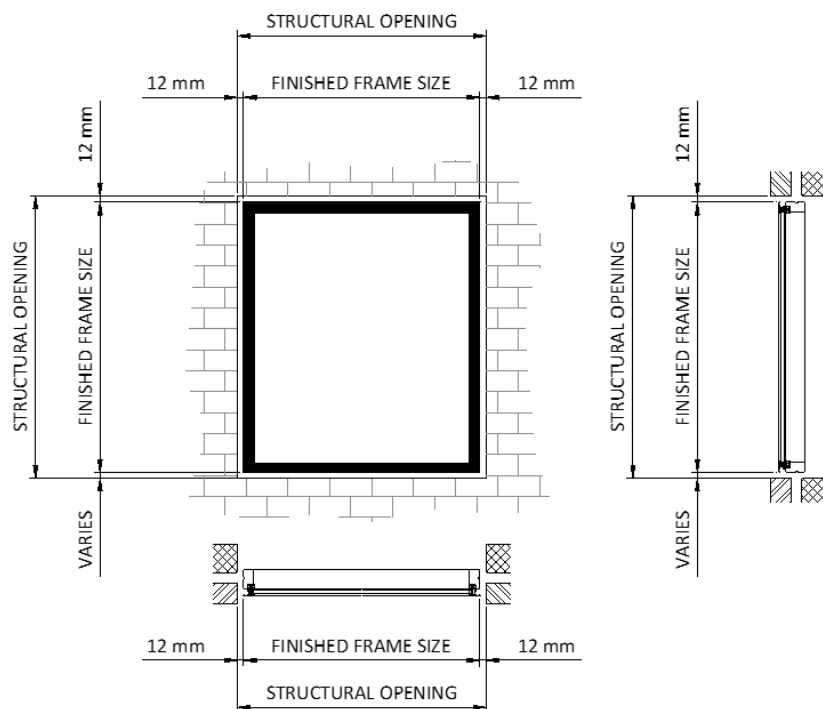
## FINISHED FRAME SIZES – WINDOWS & DOORS

Once the structural opening dimension has been identified, it is relatively simple to establish the finished frame sizes of the windows or doors. On each side of the window or door a perimeter seal is required.

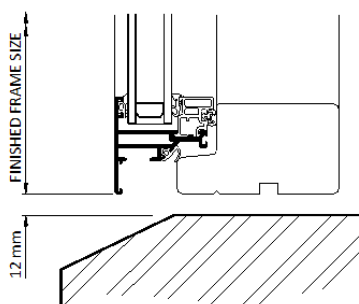
The perimeter seal dimension is 12mm at the top and sides of the window or door.

At the bottom of the window or door, the seal dimension varies according to the required detail. It will be 5mm, 12mm, 20mm or 30mm depending on the type of structure and/or window cills being required – refer to illustrations below.

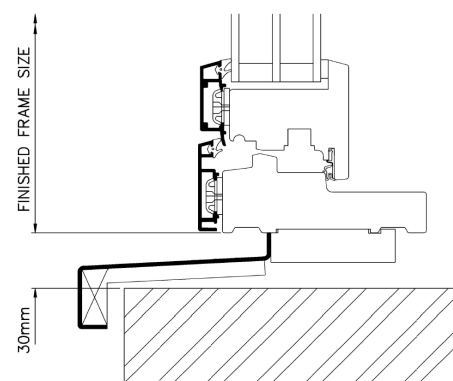
Please visit our web site for typical interface details showing several examples of different arrangements.



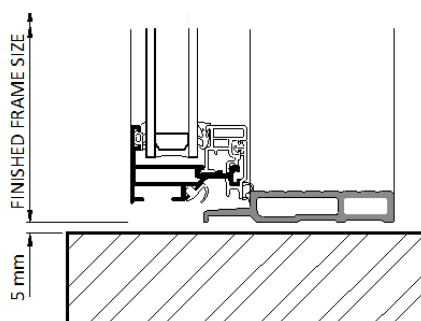
Standard window section with aluminium cill pressing = 20mm seal



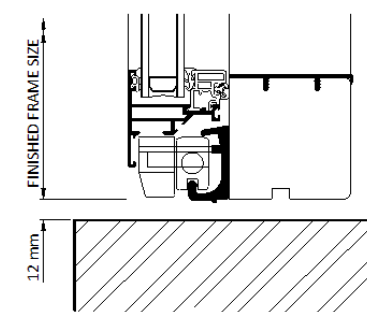
Standard window section without aluminium cill = 12mm seal (incl. V231 Casement door standard threshold)



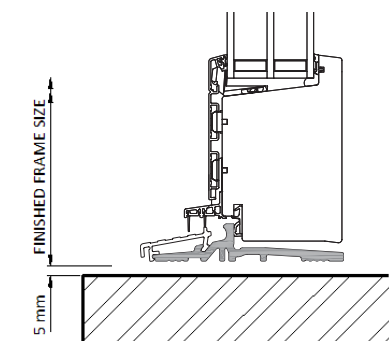
VELFAC In window = 30mm seal



V231 Casement door low threshold = 5mm seal



V237 Sliding casement door threshold = 12mm seal



VELFAC Ribo door types = 5mm seal