



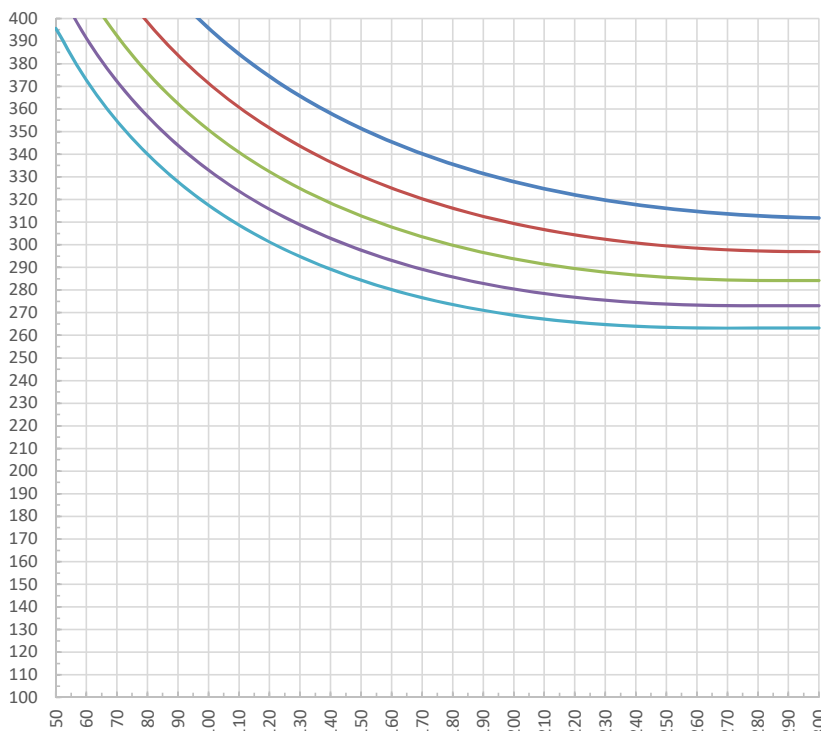
Machines & Aluminium Center
مركز ماكينات ومستلزمات الألومنيوم

CHARTS CATALOGUE 2025

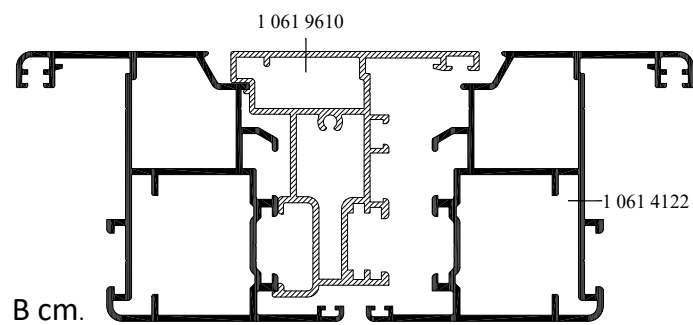
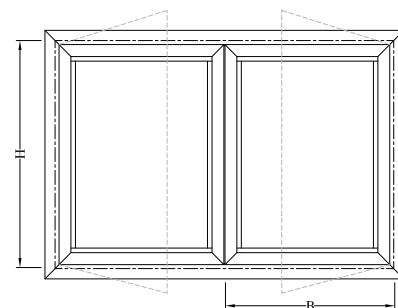
ROCK 60



H cm. $f \max 1/200$

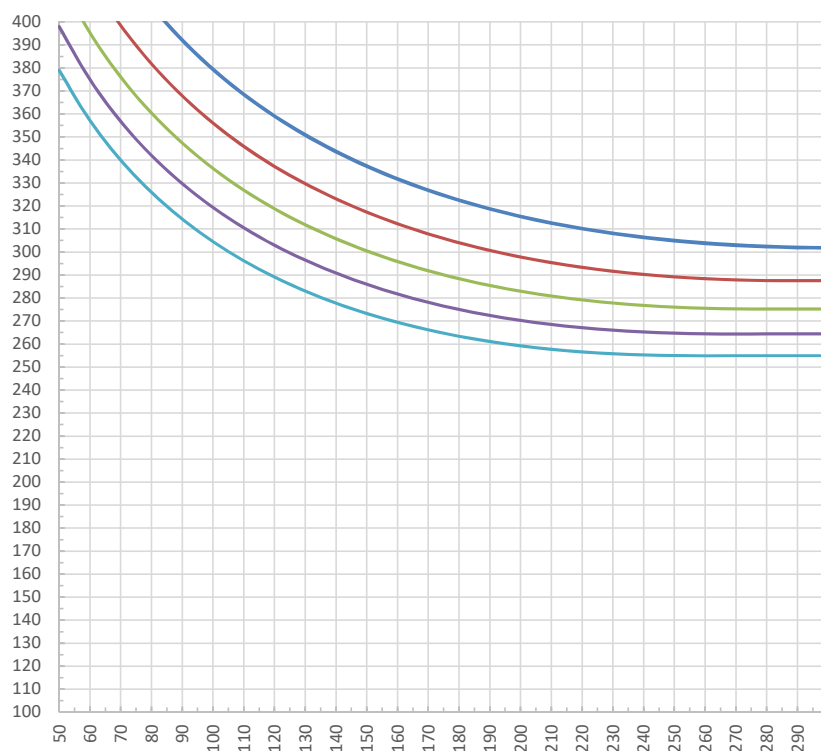


Zone 1
Zone 2
Zone 3
Zone 4
Zone 5

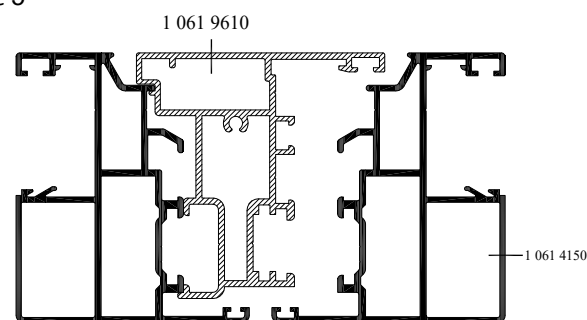
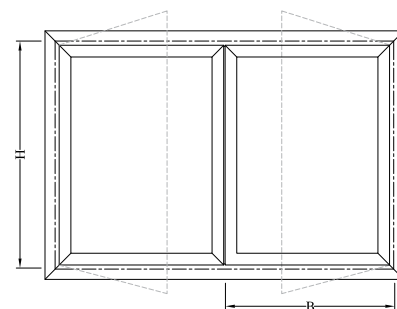


$I_x = 100.68 \text{ cm}^4$

H cm. $f \max 1/200$



Zone 1
Zone 2
Zone 3
Zone 4
Zone 5

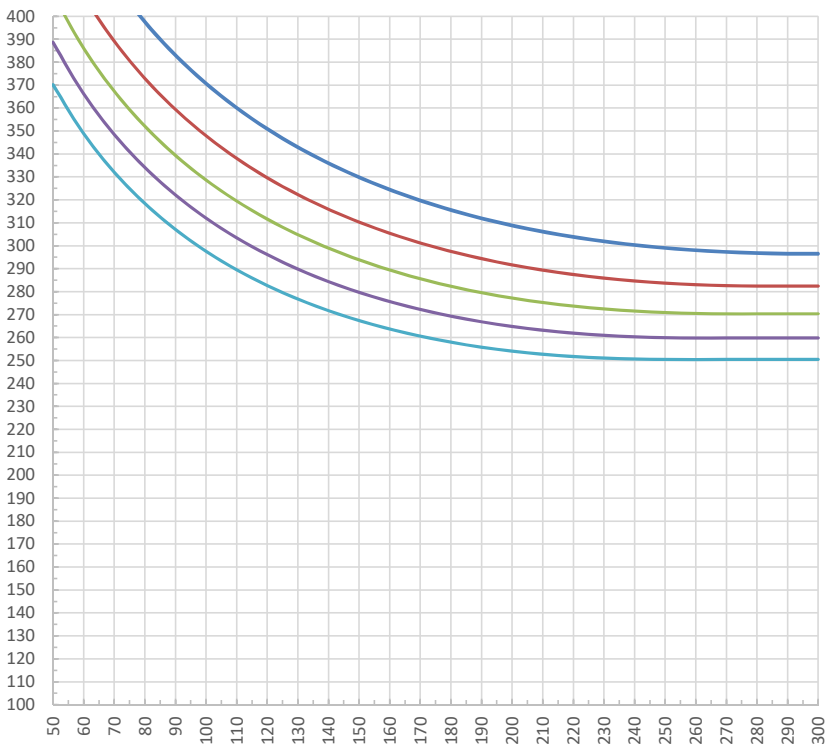


B cm.

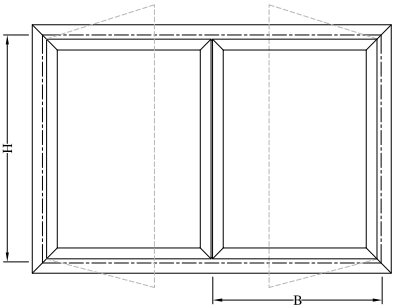
$I_x = 88.48 \text{ cm}^4$



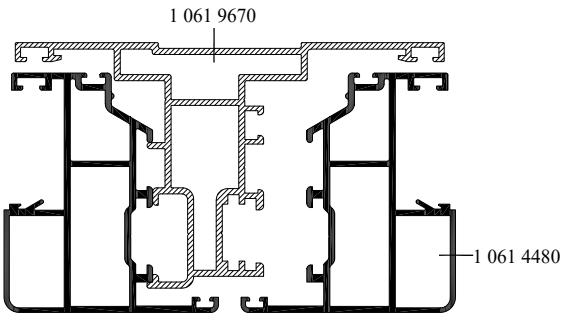
H cm. f max 1/200



Zone 1
Zone 2
Zone 3
Zone 4
Zone 5

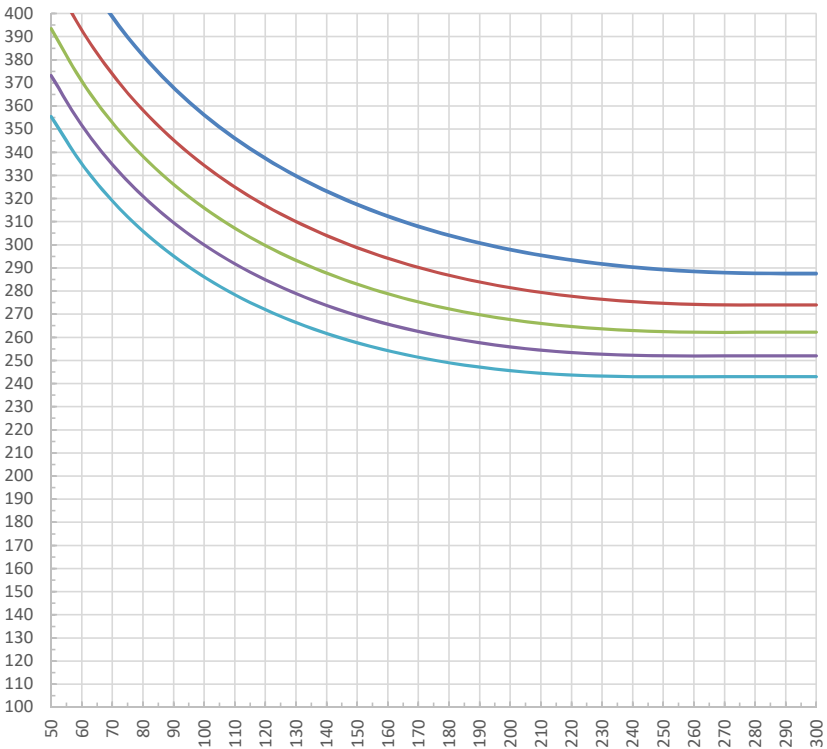


B cm.

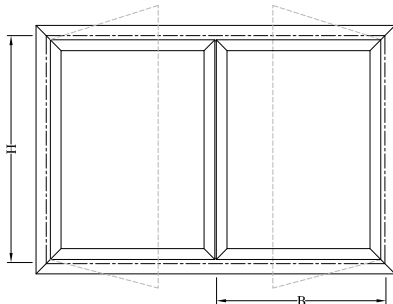


$I_x = 82.42 \text{ cm}^4$

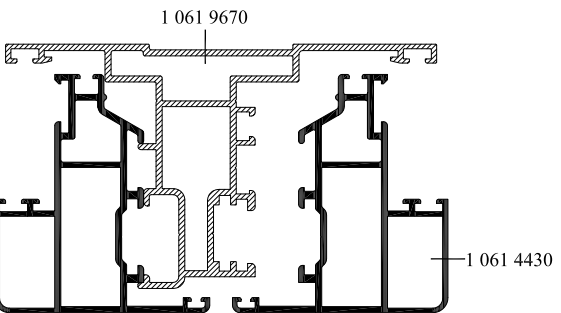
H cm. f max 1/200



Zone 1
Zone 2
Zone 3
Zone 4
Zone 5



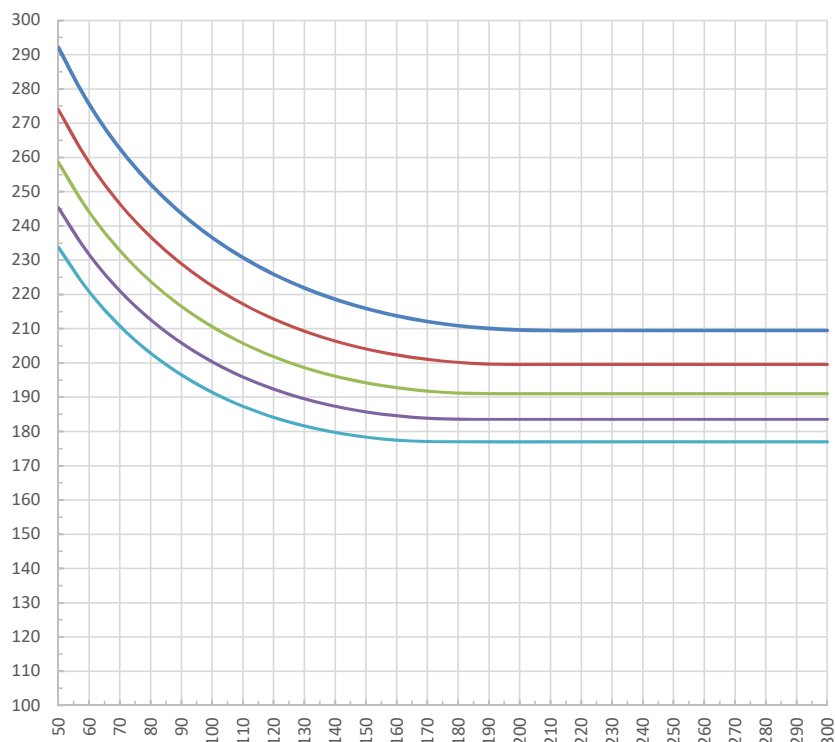
B cm.



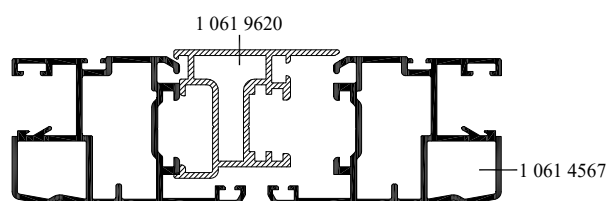
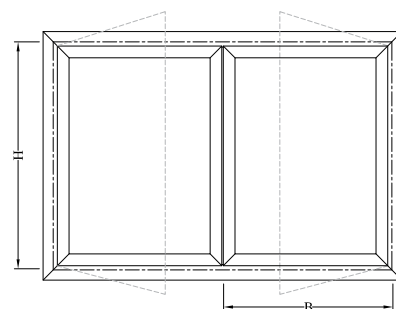
$I_x = 72.93 \text{ cm}^4$



H cm. f max 1/200



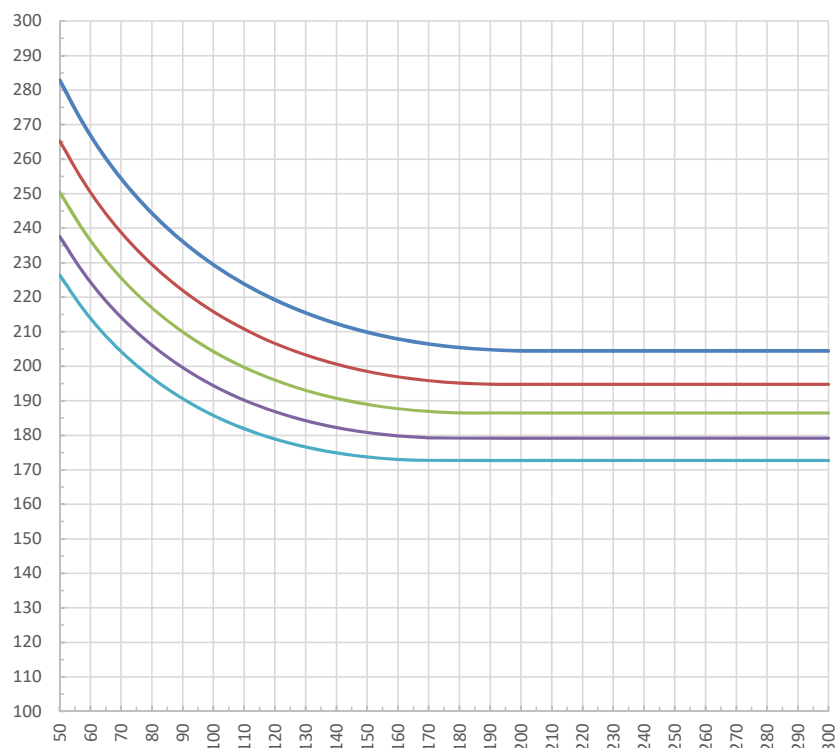
Zone 1
Zone 2
Zone 3
Zone 4
Zone 5



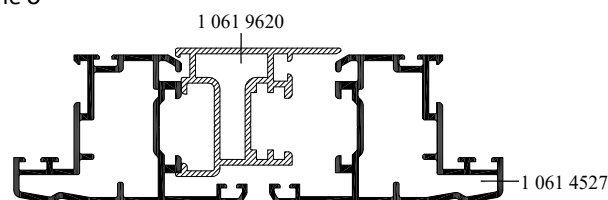
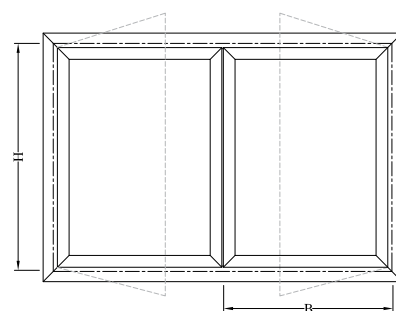
B cm.

$I_x = 20.53 \text{ cm}^4$

H cm. f max 1/200



Zone 1
Zone 2
Zone 3
Zone 4
Zone 5

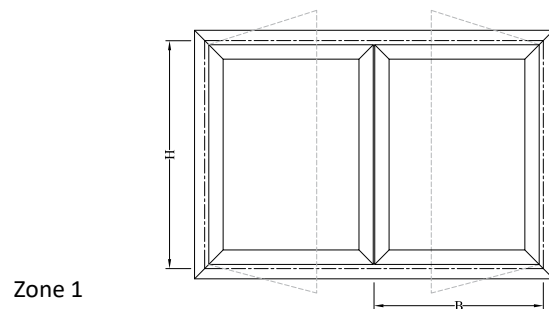
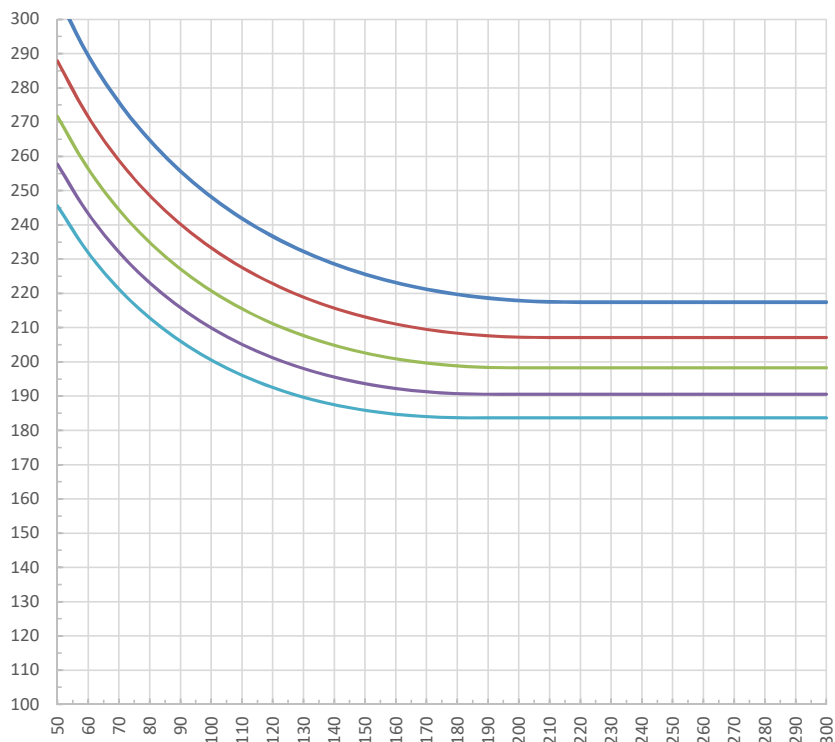


B cm.

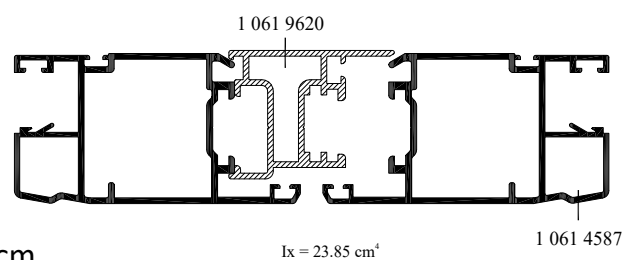
$I_x = 18.63 \text{ cm}^4$



H cm. f max 1/200



Zone 1
Zone 2
Zone 3
Zone 4
Zone 5

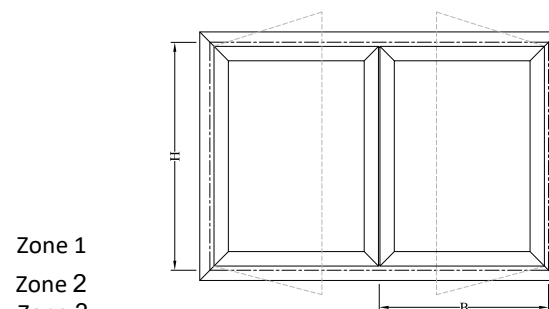
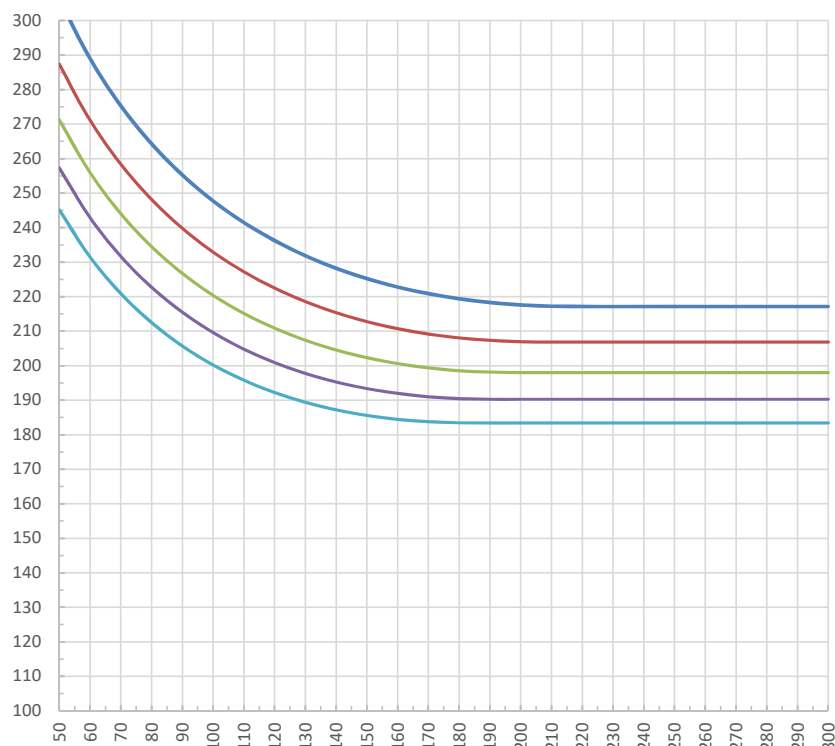


B cm.

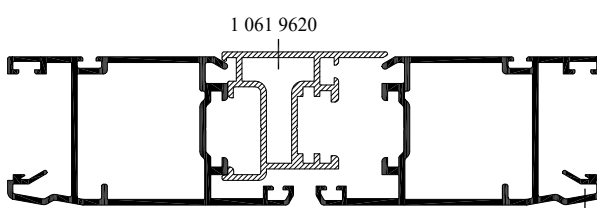
$I_x = 23.85 \text{ cm}^4$

1 061 4587

H cm. f max 1/200



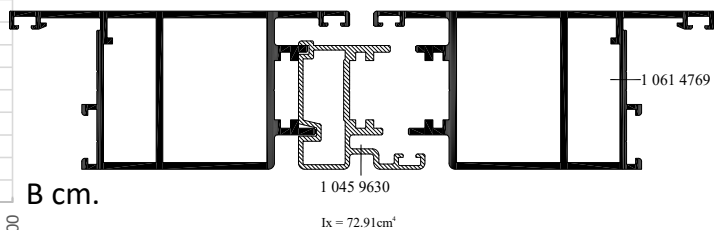
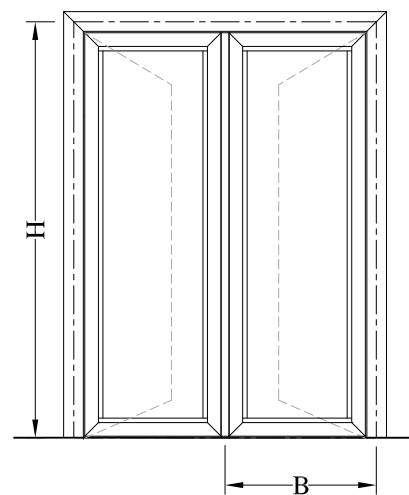
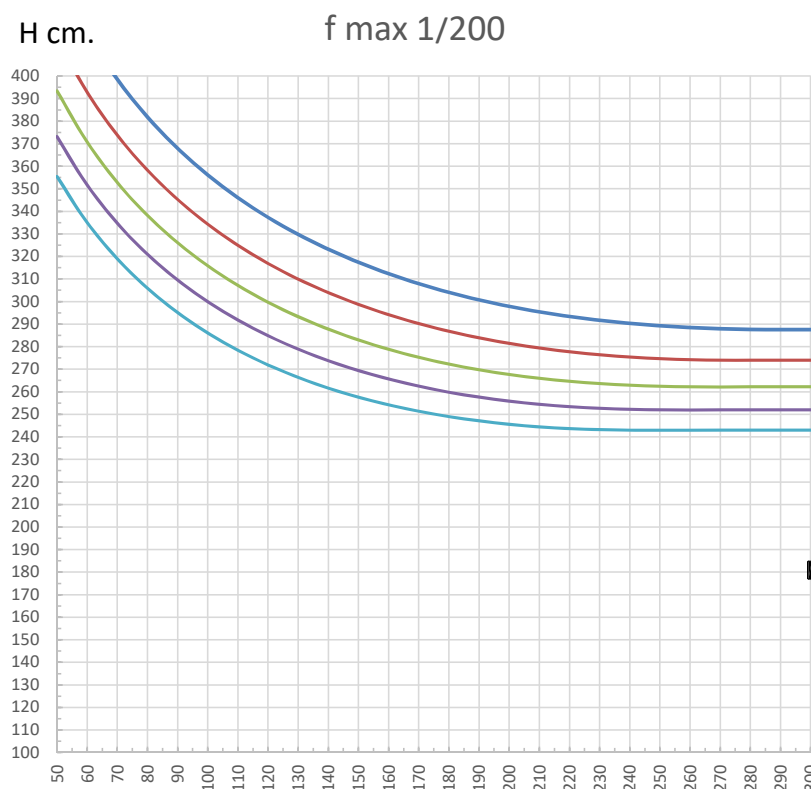
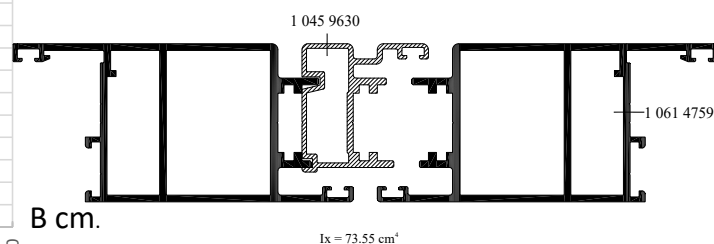
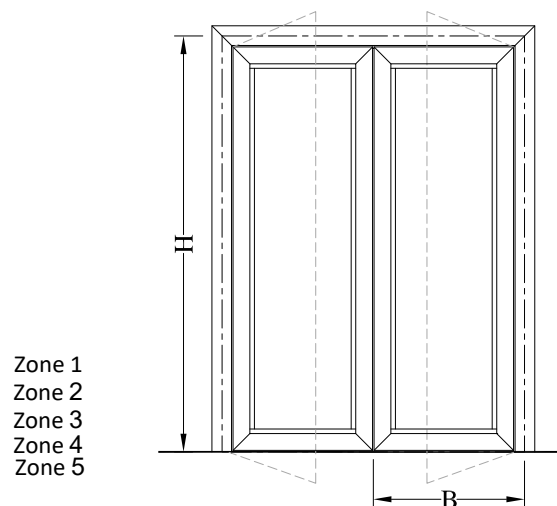
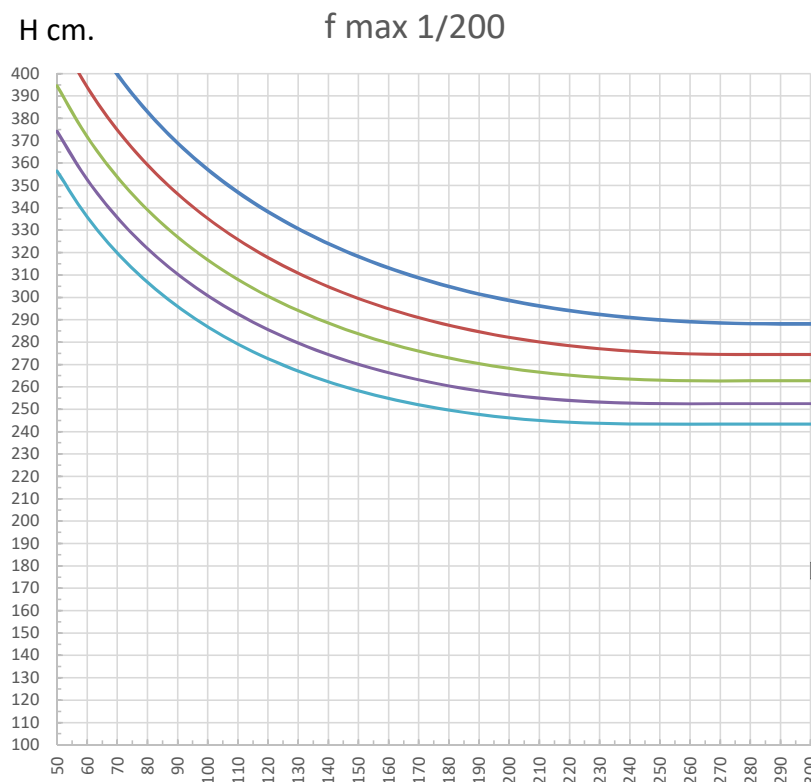
Zone 1
Zone 2
Zone 3
Zone 4
Zone 5



B cm.

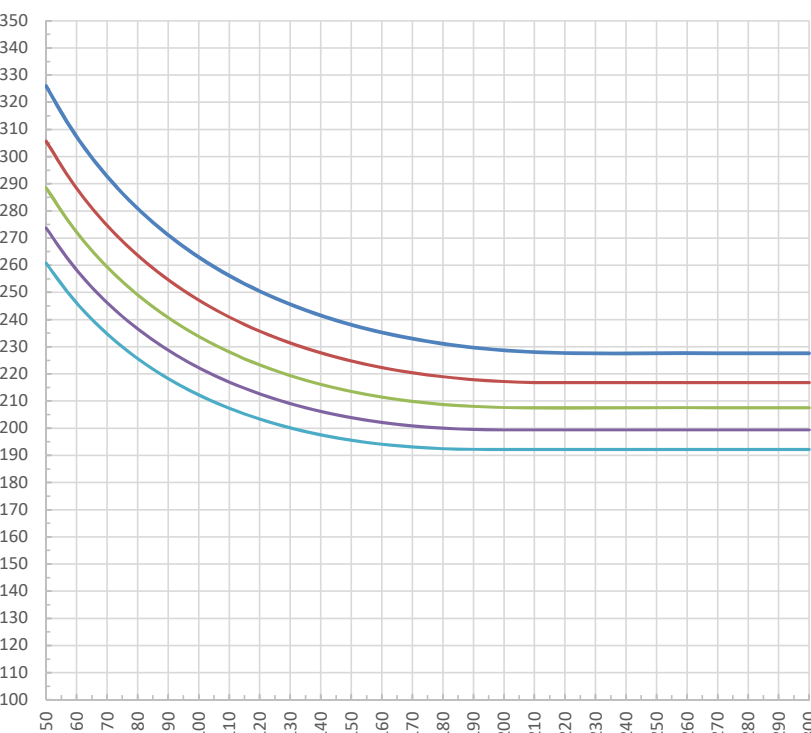
$I_x = 23.71 \text{ cm}^4$

1 061 4597

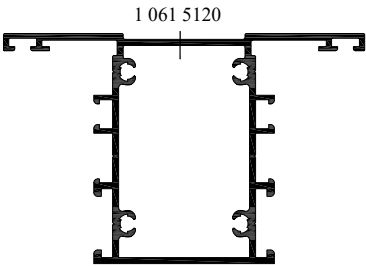
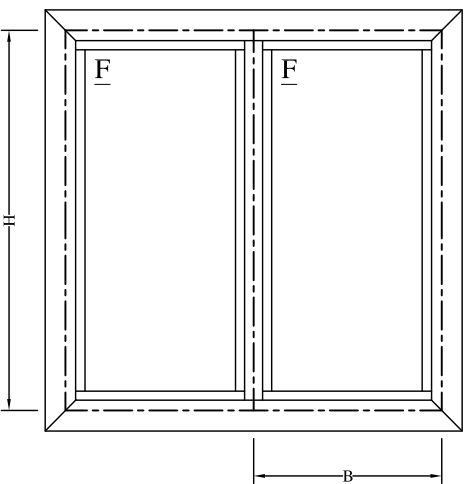




H cm. f max 1/200

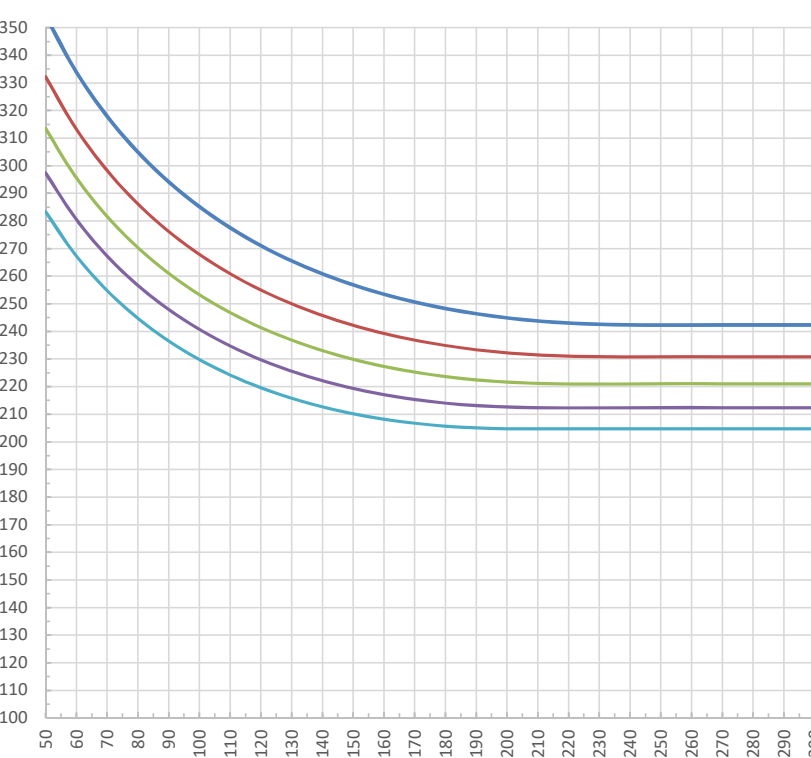


Zone 1
Zone 2
Zone 3
Zone 4
Zone 5

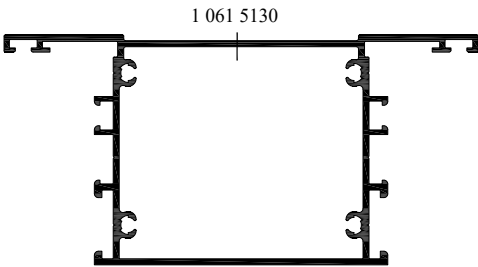
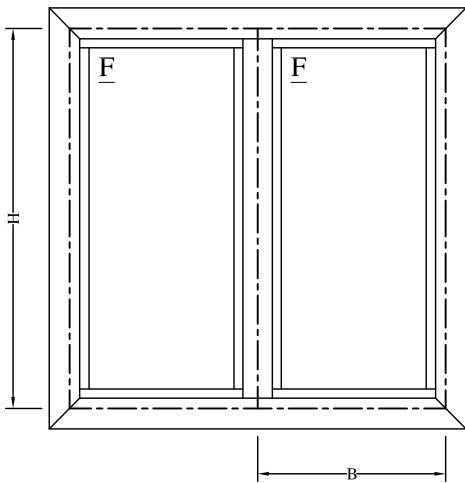


$I_x = 28.59 \text{ cm}^4$

H cm. f max 1/200



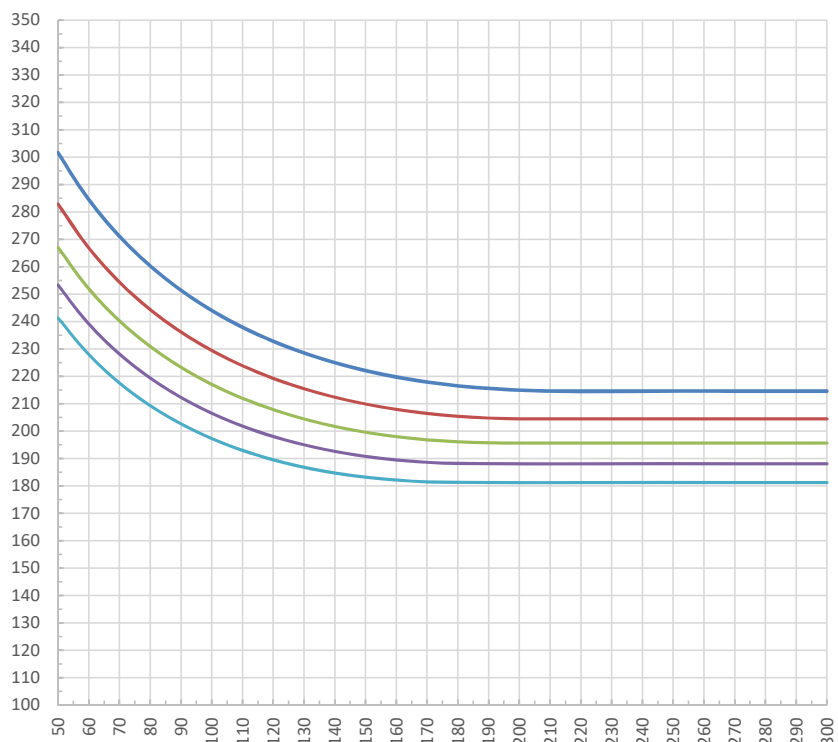
Zone 1
Zone 2
Zone 3
Zone 4
Zone 5



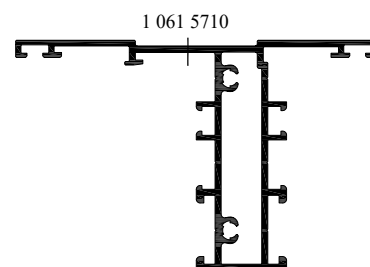
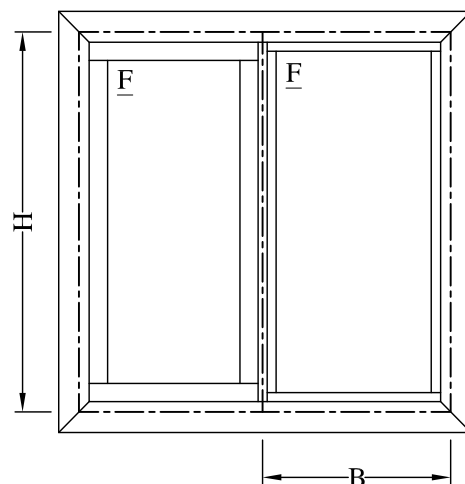
$I_x = 36.76 \text{ cm}^4$



H cm. f max 1/200

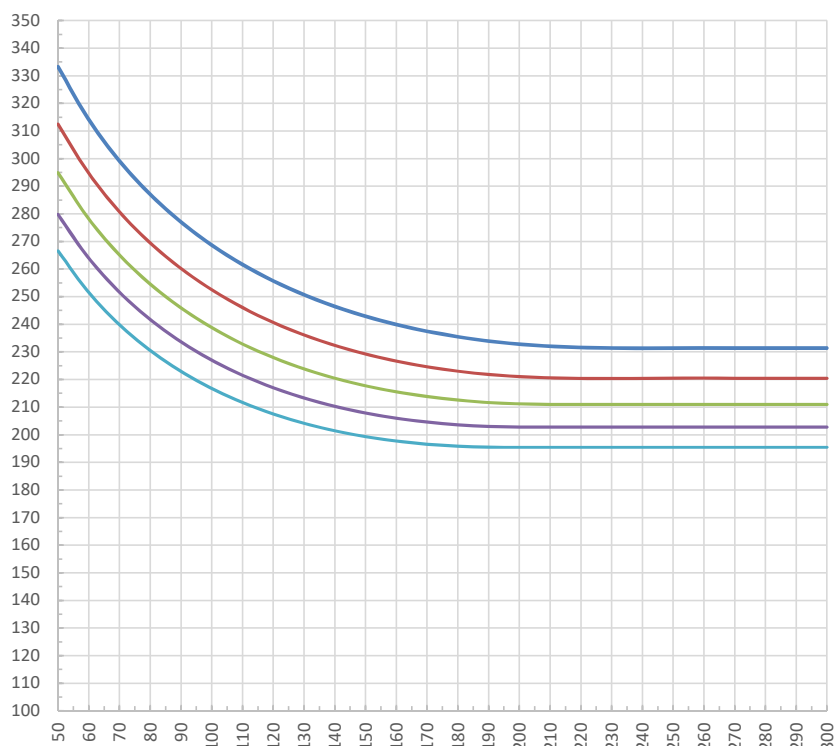


Zone 1
Zone 2
Zone 3
Zone 4
Zone 5

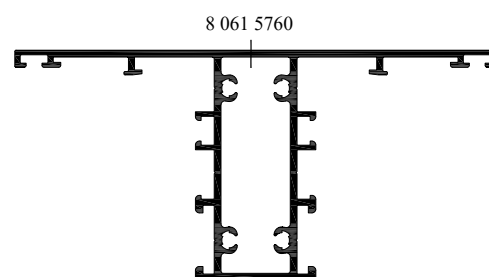
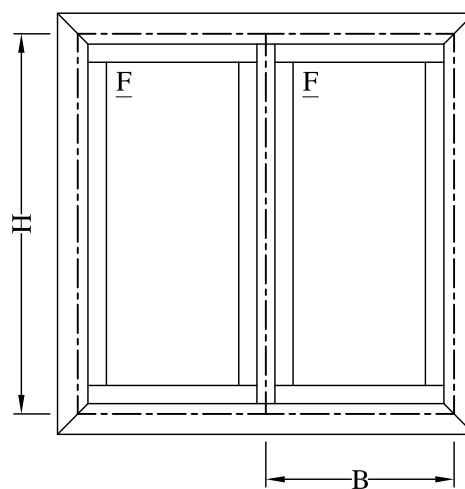


$I_x = 22.62 \text{ cm}^4$

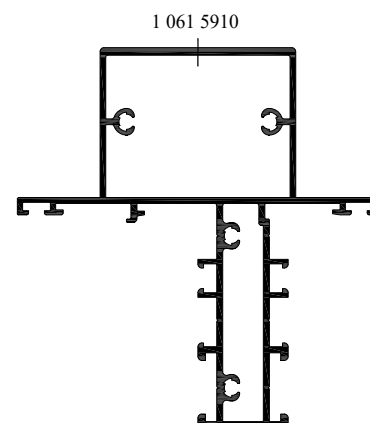
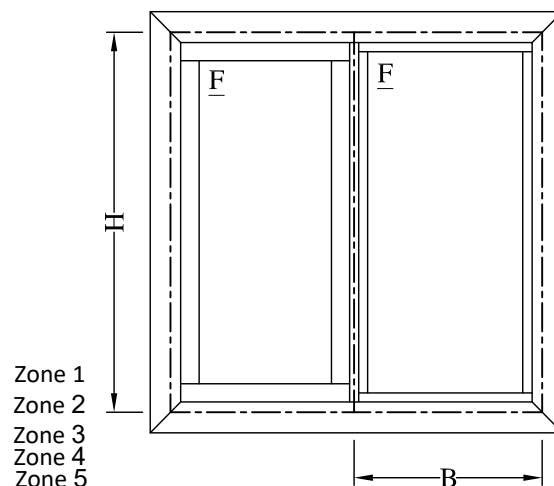
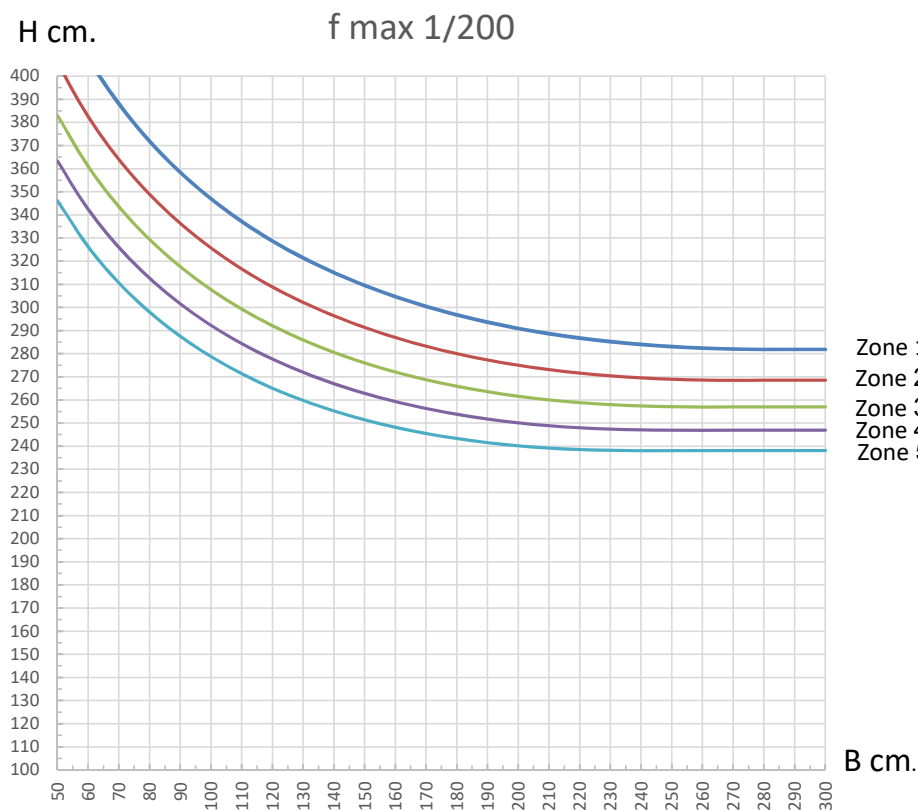
H cm. f max 1/200



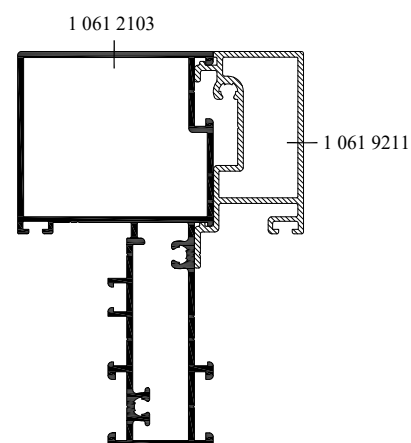
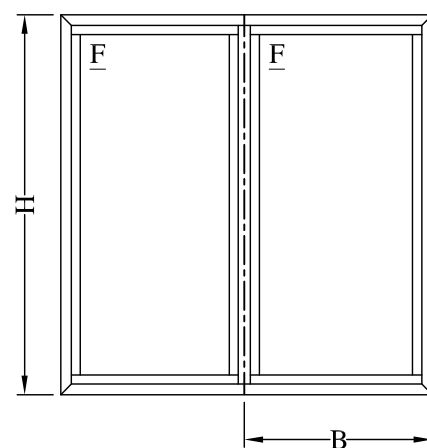
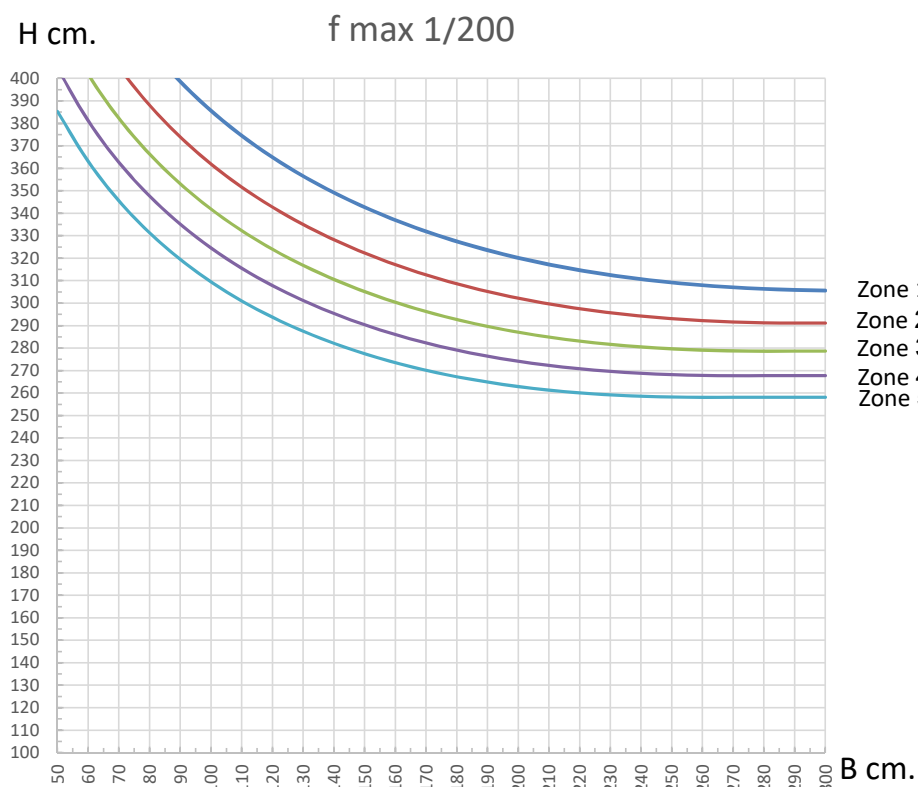
Zone 1
Zone 2
Zone 3
Zone 4
Zone 5



$I_x = 30.55 \text{ cm}^4$



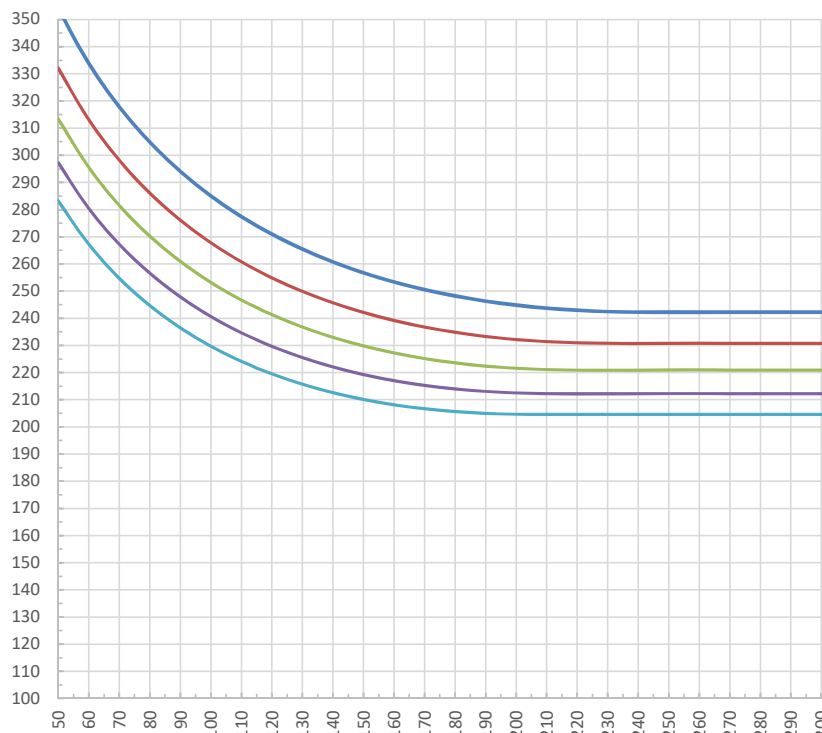
$I_x = 67.31 \text{ cm}^4$



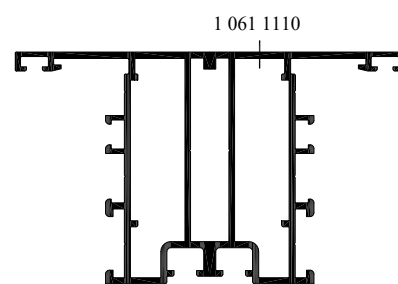
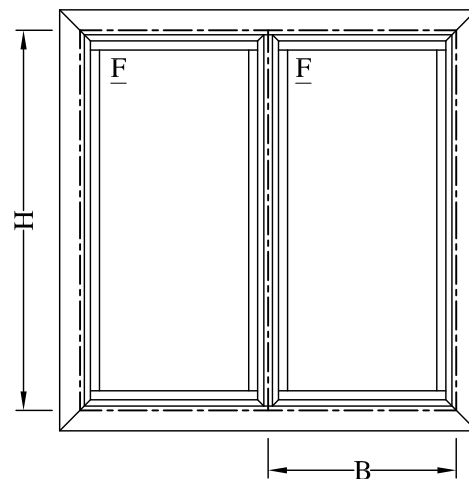
$I_x = 93.02 \text{ cm}^4$



H cm. $f \max 1/200$

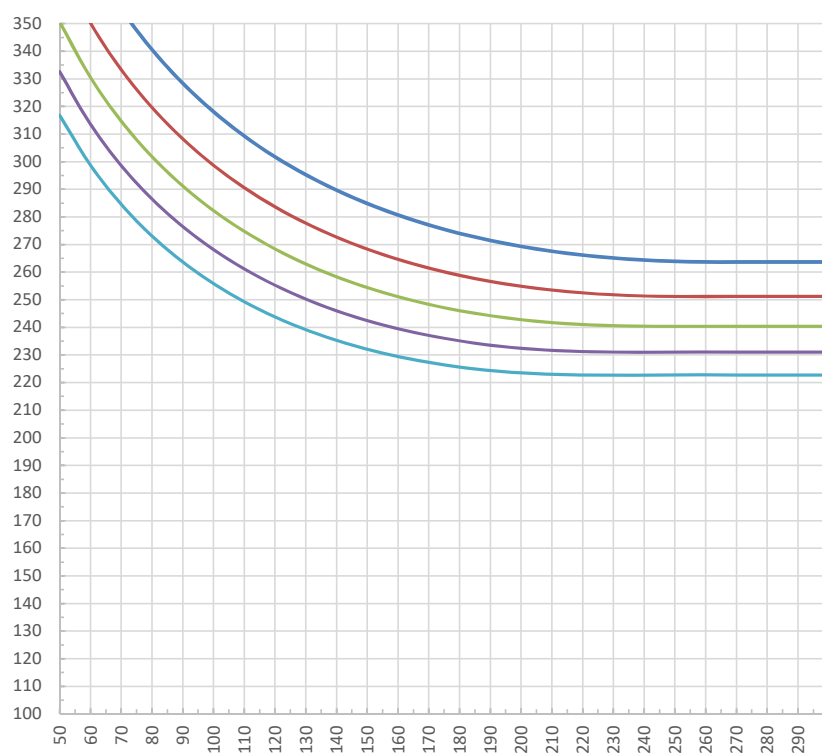


Zone 1
Zone 2
Zone 3
Zone 4
Zone 5

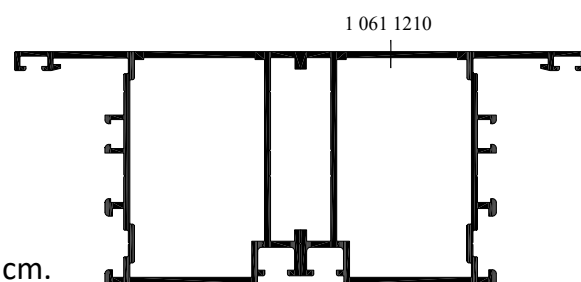
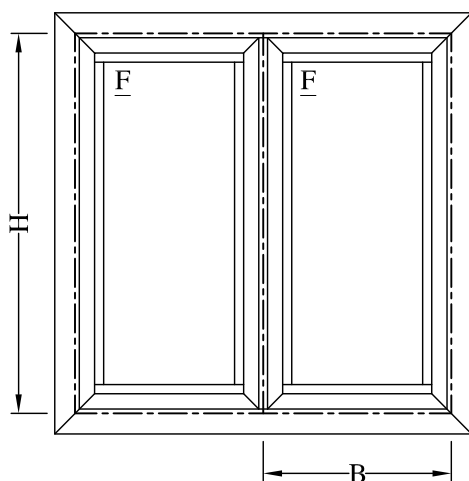


$I_x = 36.73 \text{ cm}^4$

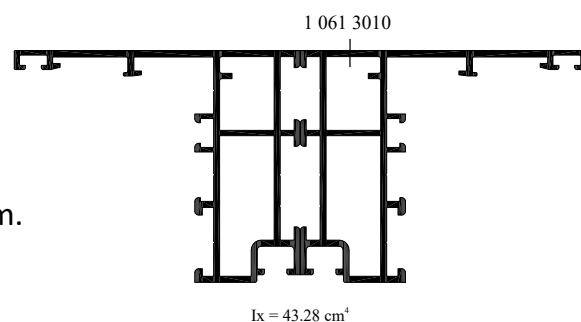
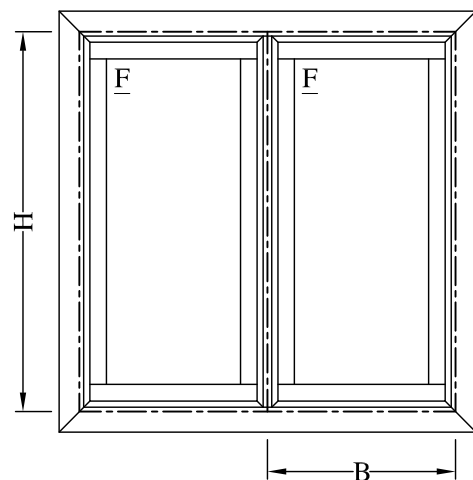
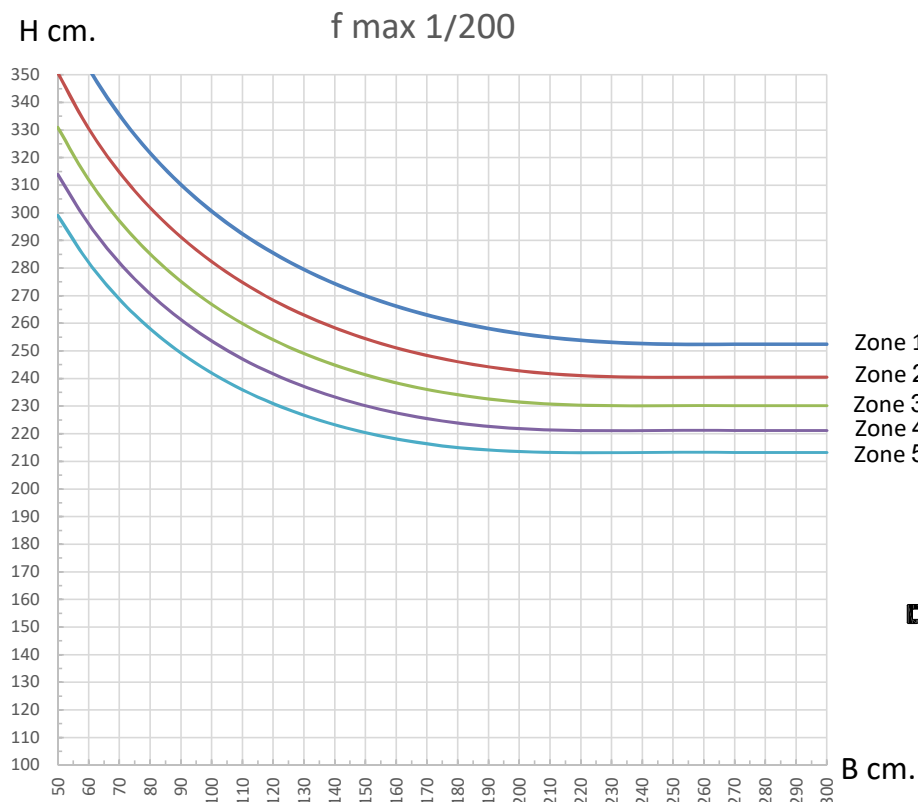
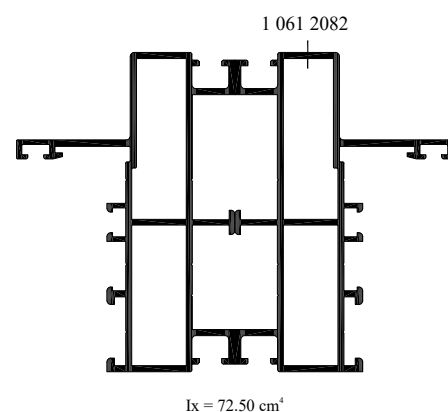
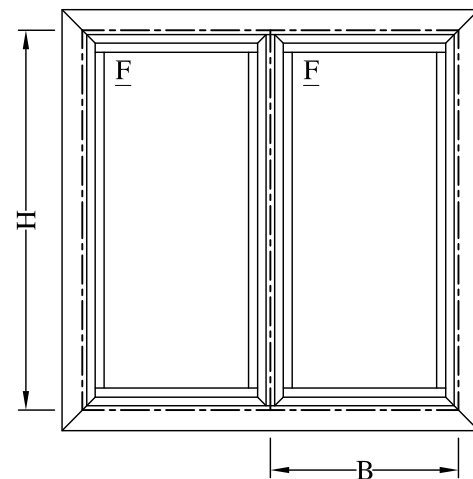
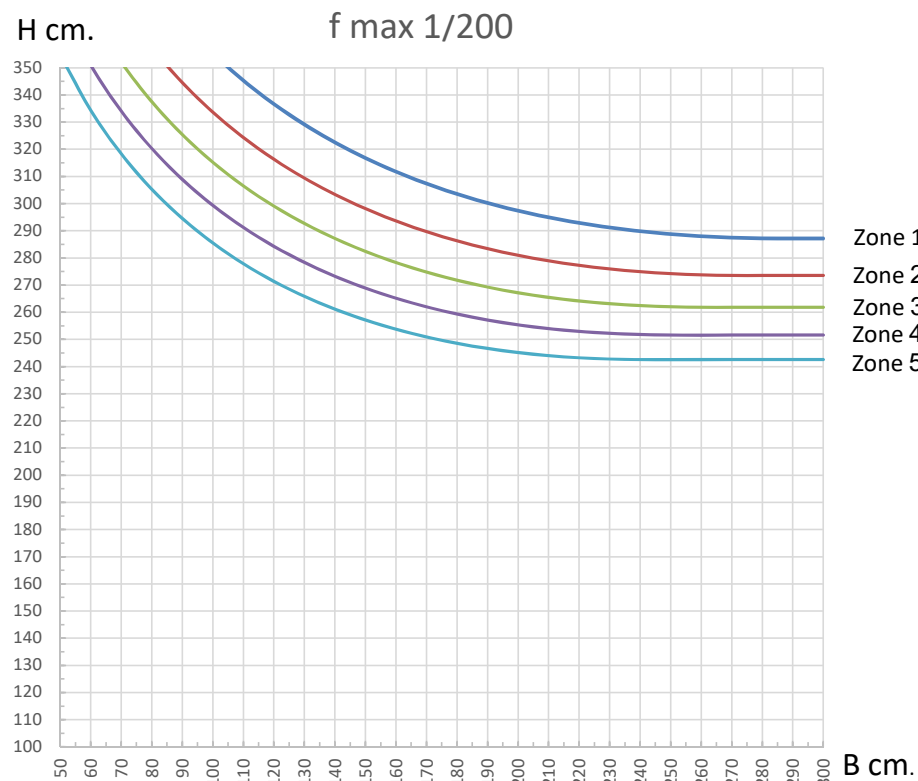
H cm. $f \max 1/200$

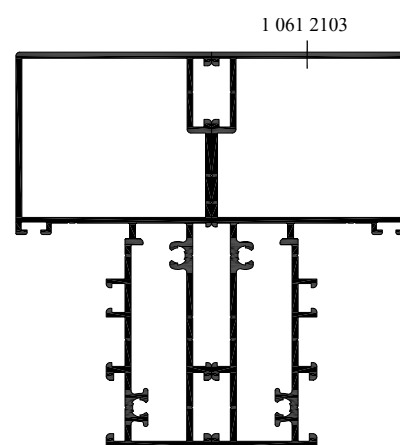
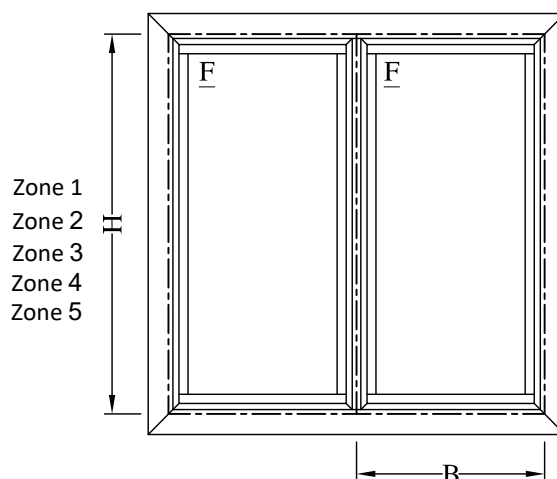
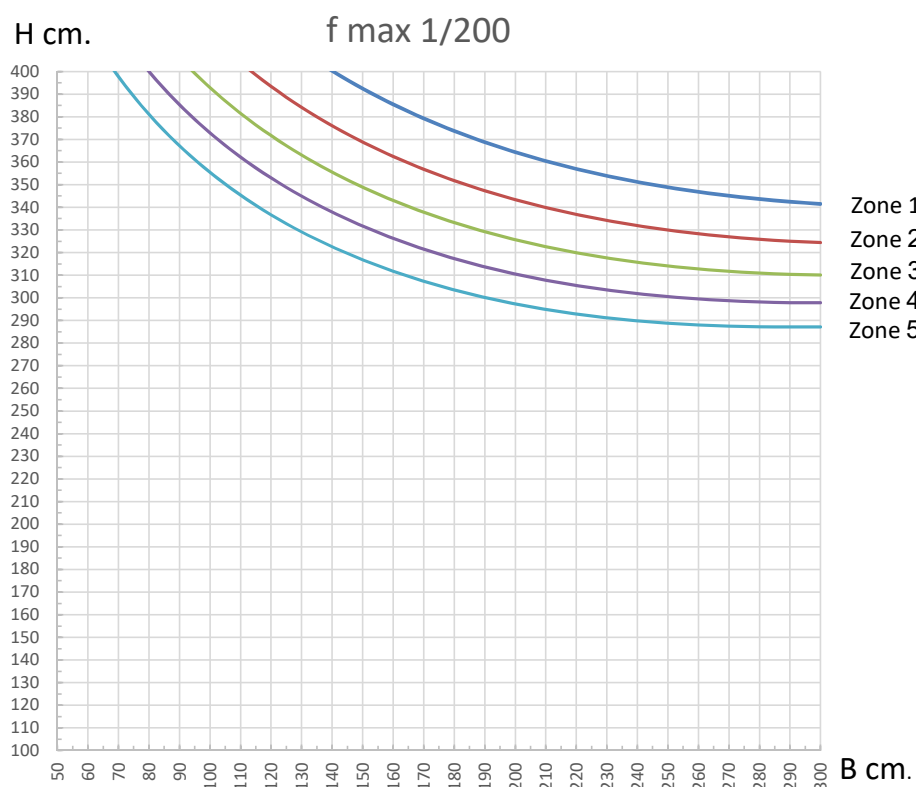


Zone 1
Zone 2
Zone 3
Zone 4
Zone 5



$I_x = 51.53 \text{ cm}^4$



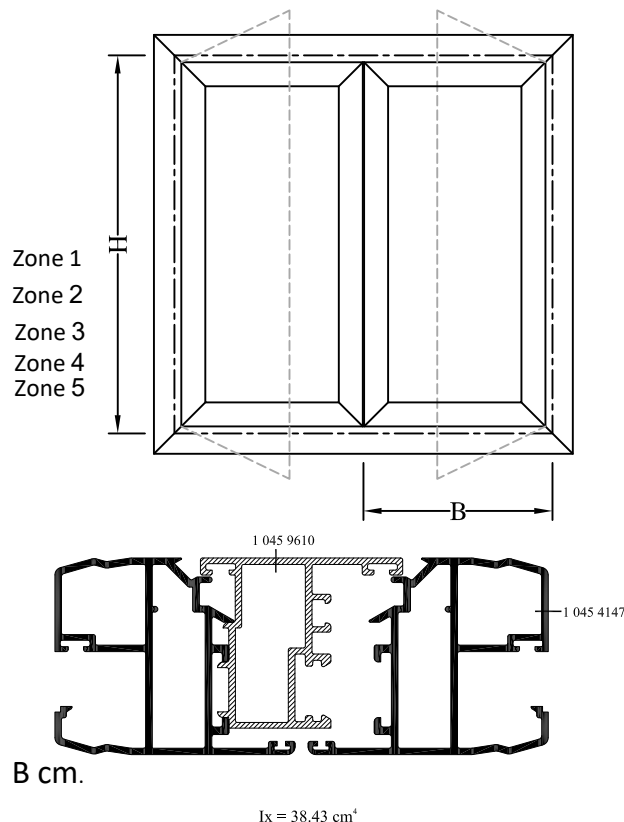
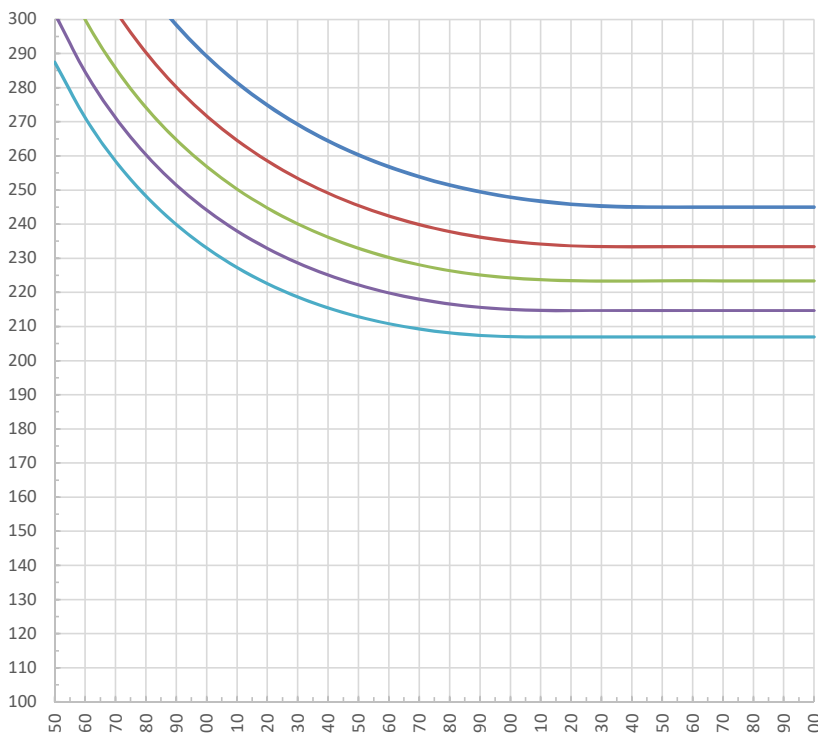


$$I_x = 142.39 \text{ cm}^4$$

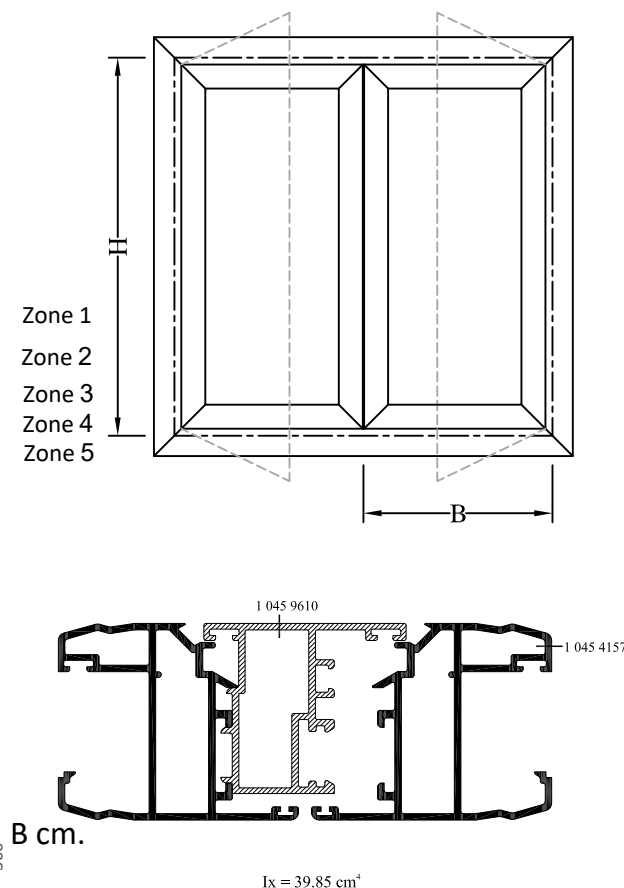
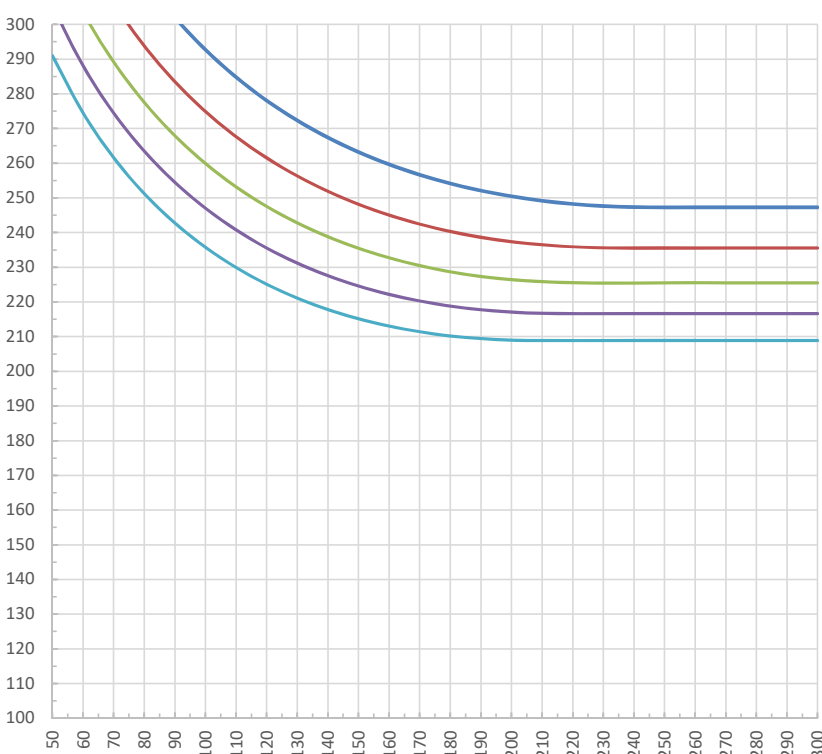
SONATA 45



H cm. f max 1/200

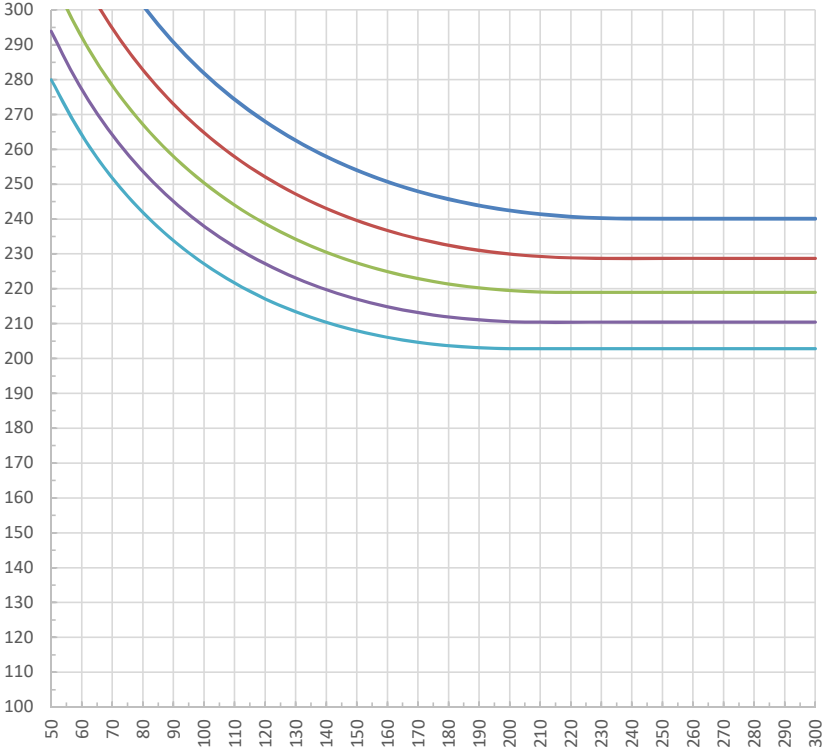


H cm. f max 1/200

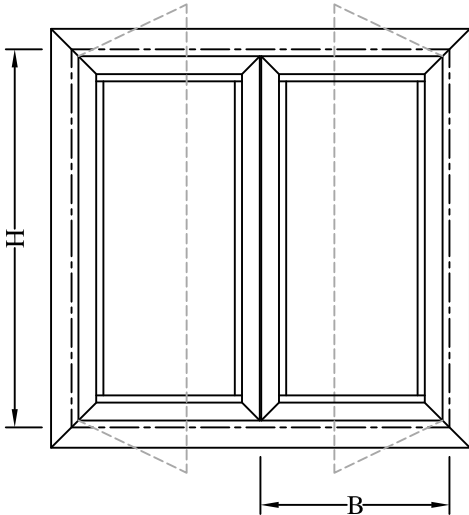




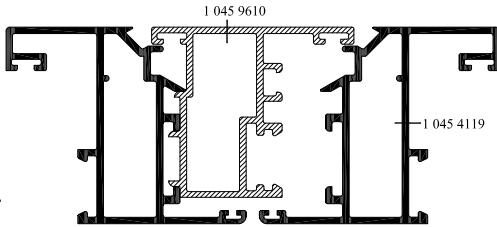
H cm. f max 1/200



Zone 1
Zone 2
Zone 3
Zone 4
Zone 5

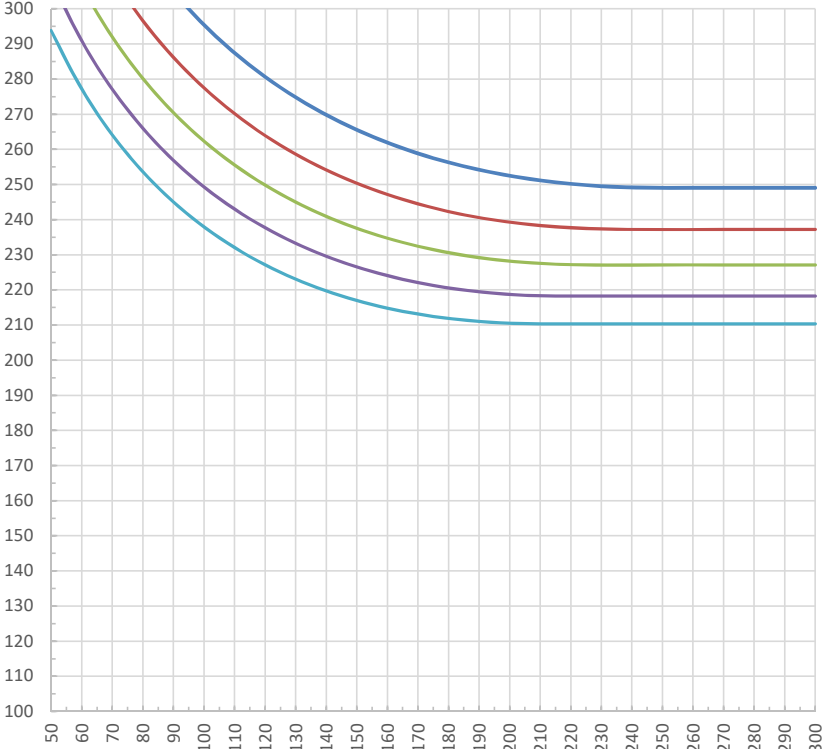


B cm.

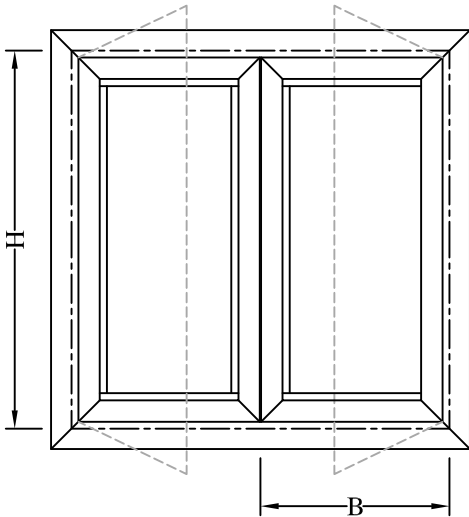


$I_x = 35.46 \text{ cm}^4$

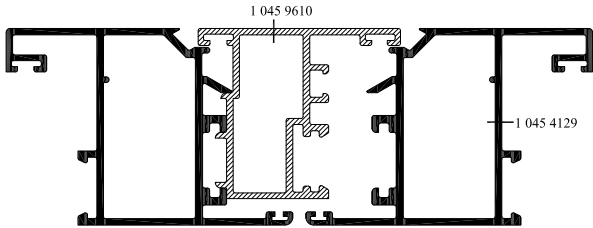
H cm. f max 1/200



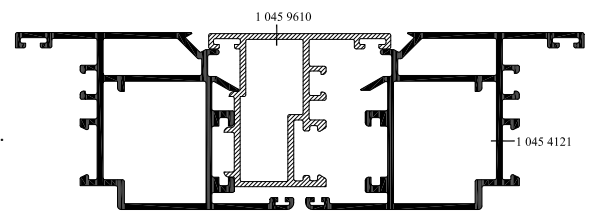
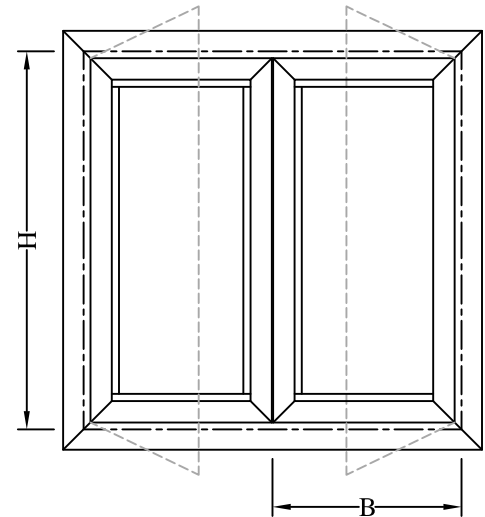
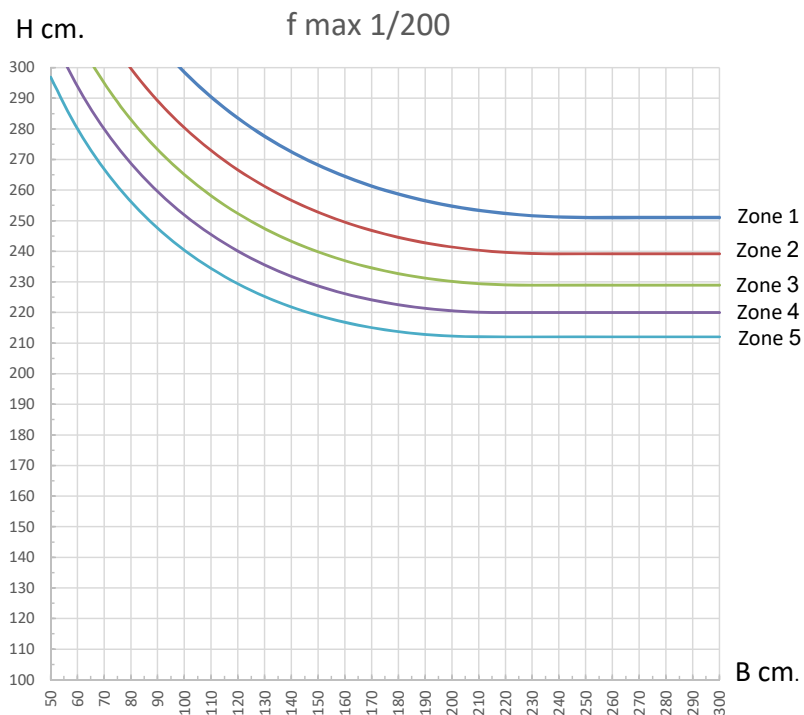
Zone 1
Zone 2
Zone 3
Zone 4
Zone 5



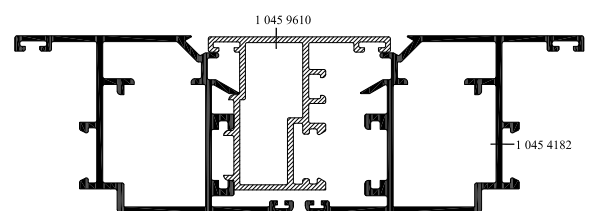
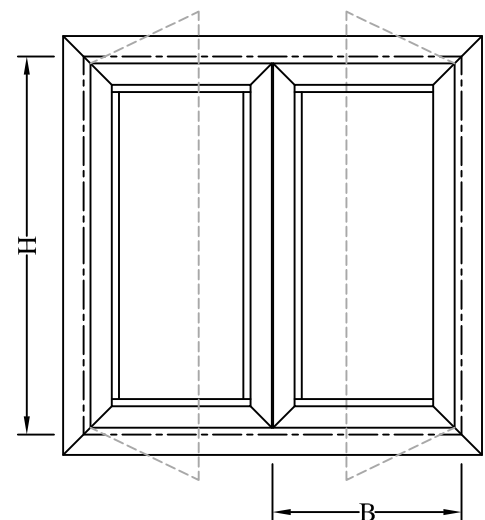
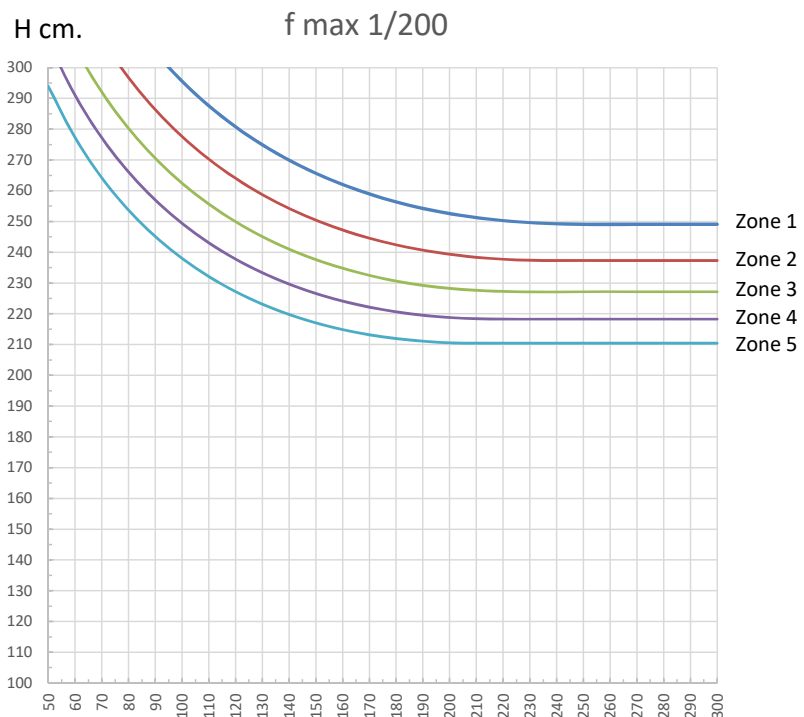
B cm.



$I_x = 41.04 \text{ cm}^4$



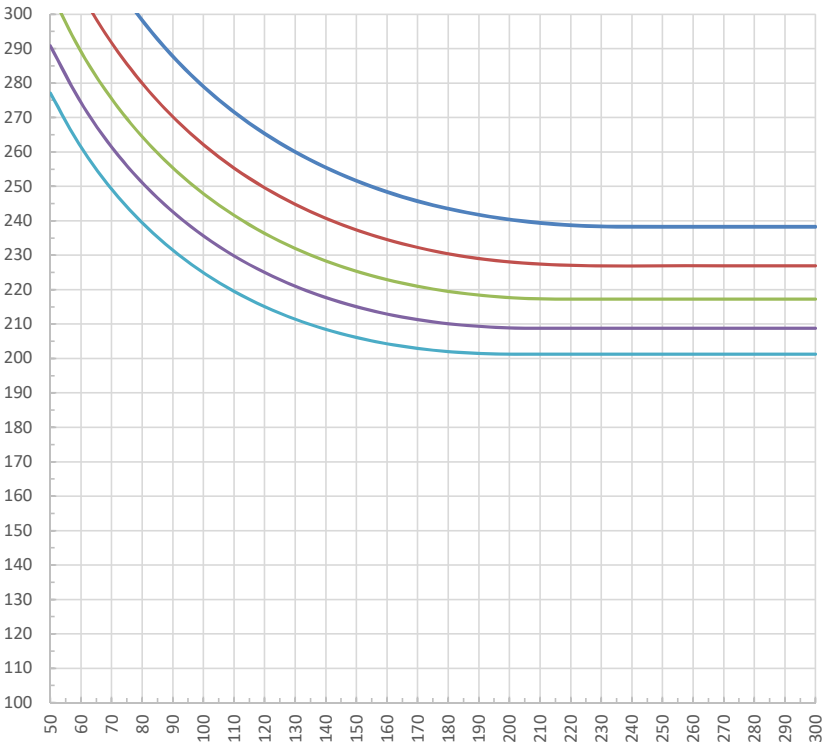
$$I_x = 42.37 \text{ cm}^4$$



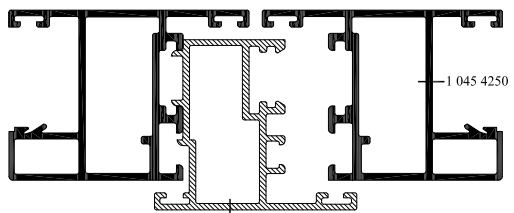
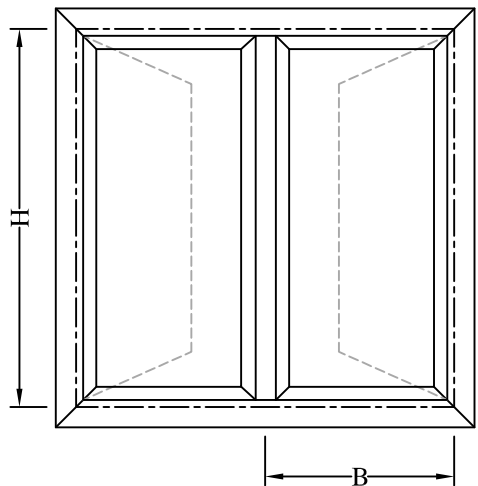
$$I_x = 41.10 \text{ cm}^4$$



H cm. f max 1/200



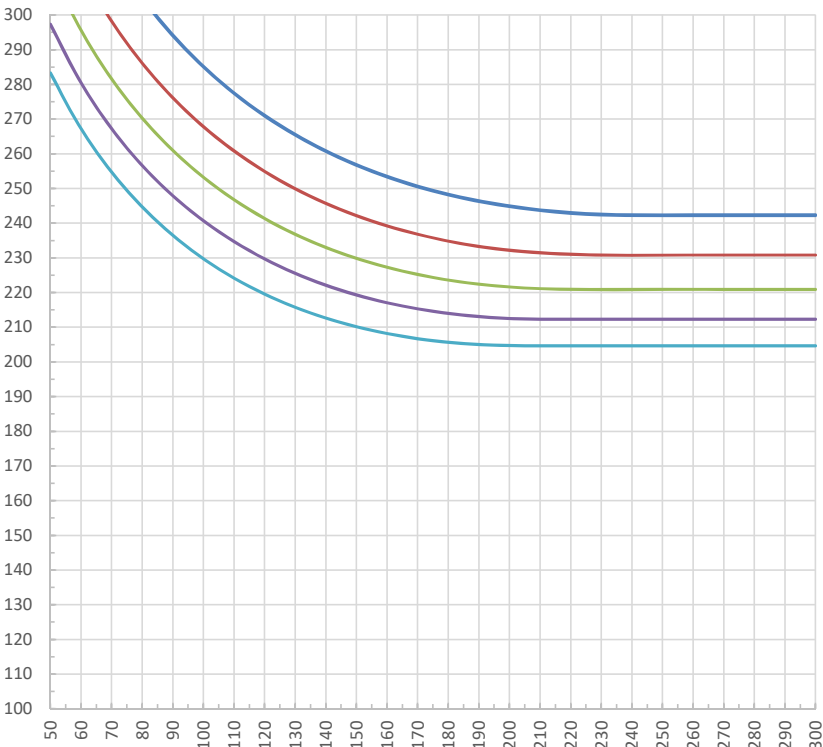
Zone 1
Zone 2
Zone 3
Zone 4
Zone 5



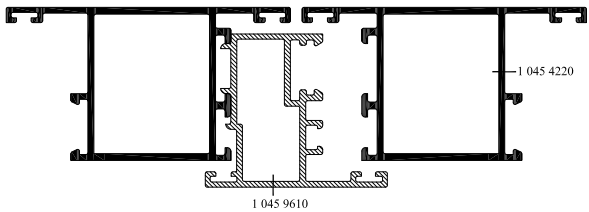
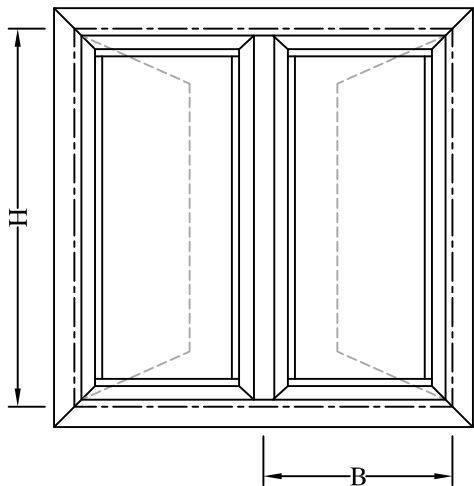
B cm.

$I_x = 34.36 \text{ cm}^4$

H cm. f max 1/200



Zone 1
Zone 2
Zone 3
Zone 4
Zone 5

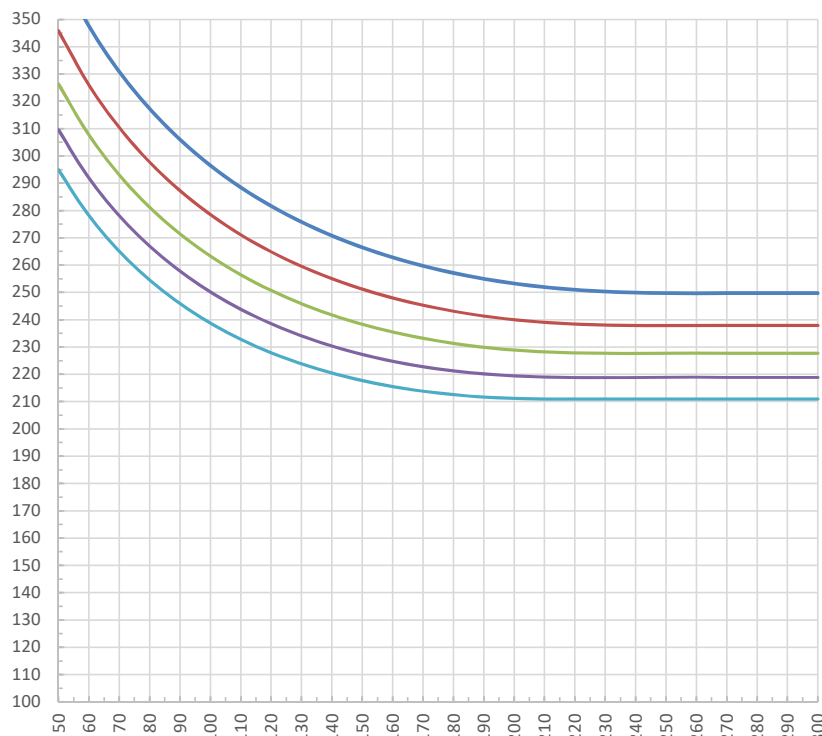


B cm.

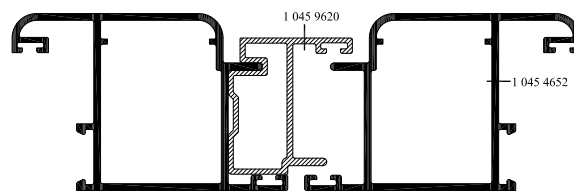
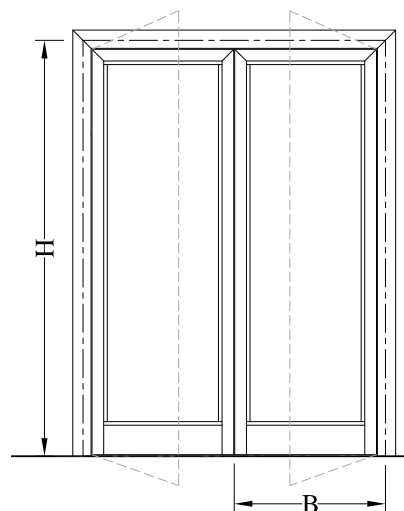
$I_x = 36.74 \text{ cm}^4$



H cm. f max 1/200



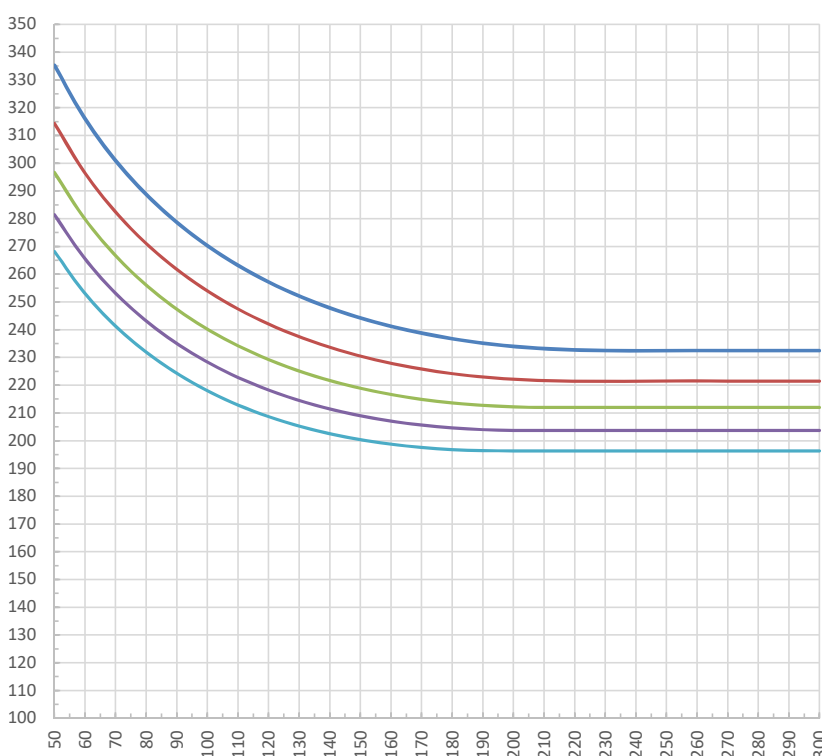
Zone 1
Zone 2
Zone 3
Zone 4
Zone 5



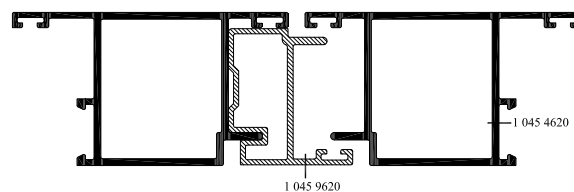
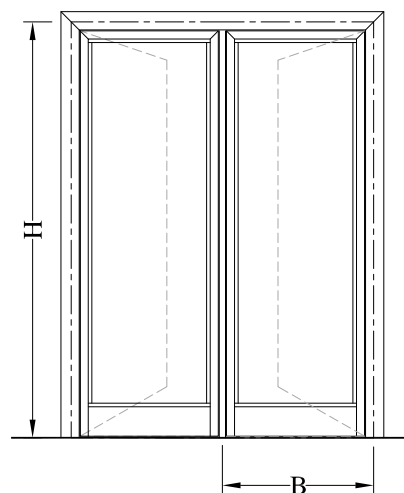
B cm.

$I_x = 41.50 \text{ cm}^4$

H cm. f max 1/200



Zone 1
Zone 2
Zone 3
Zone 4
Zone 5

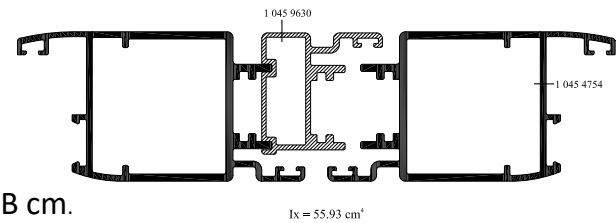
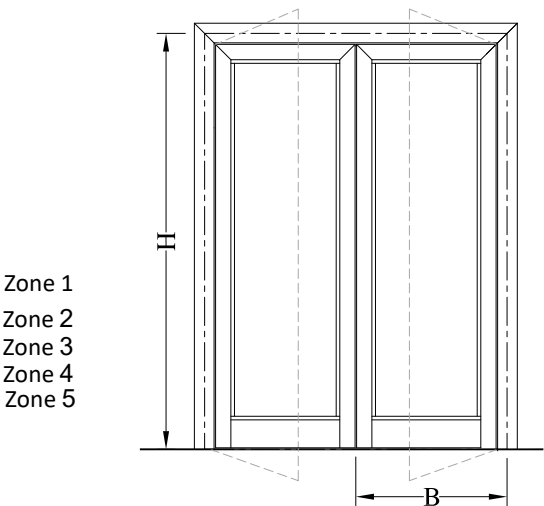
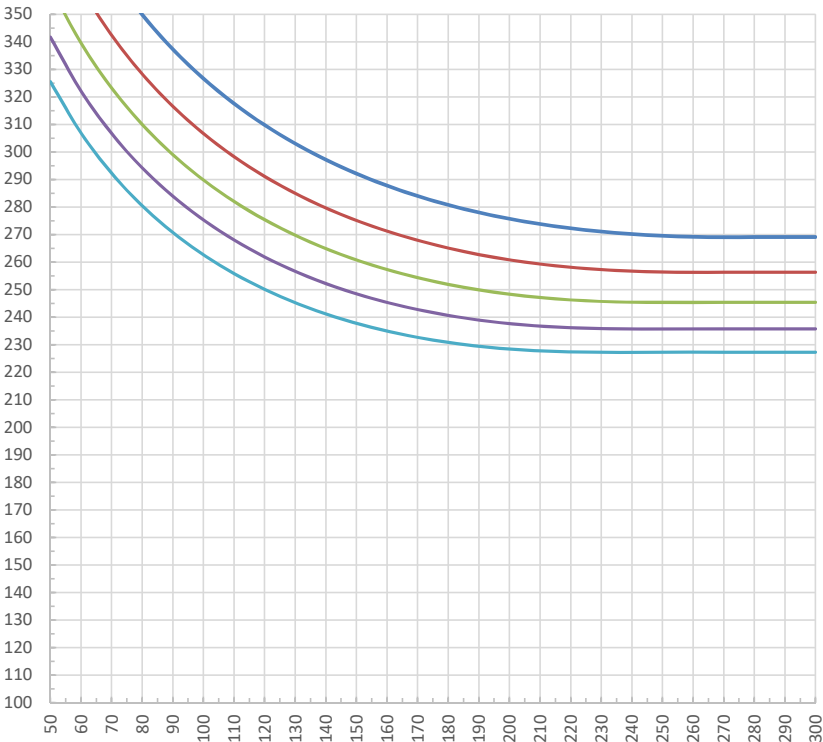


B cm.

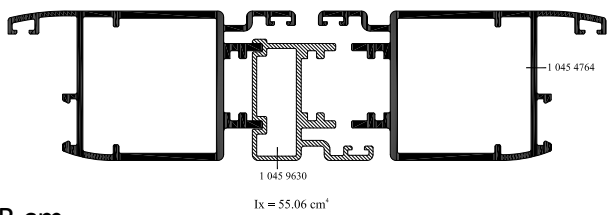
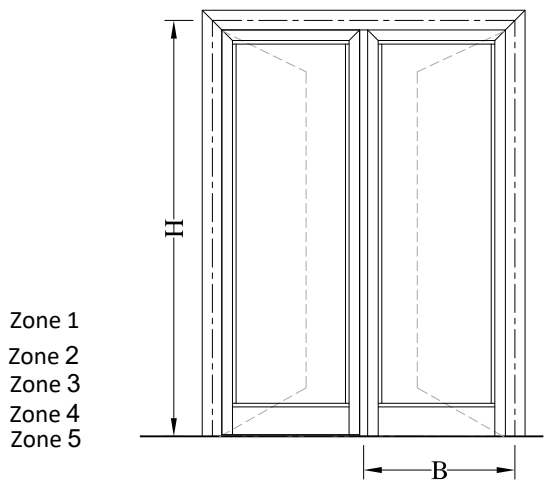
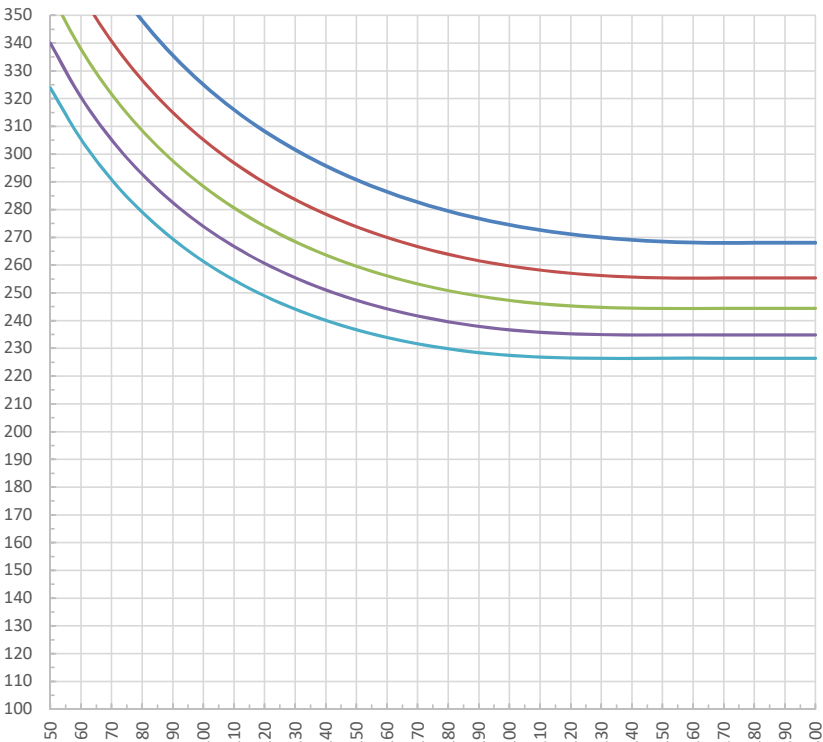
$I_x = 31.13 \text{ cm}^4$

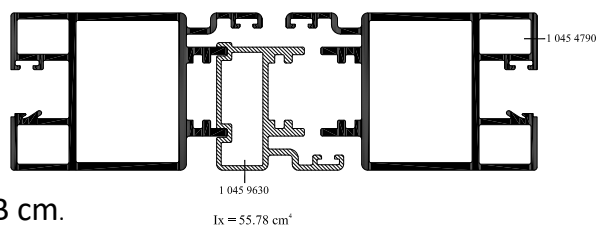
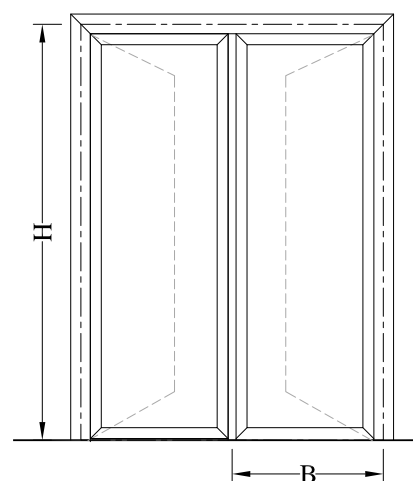
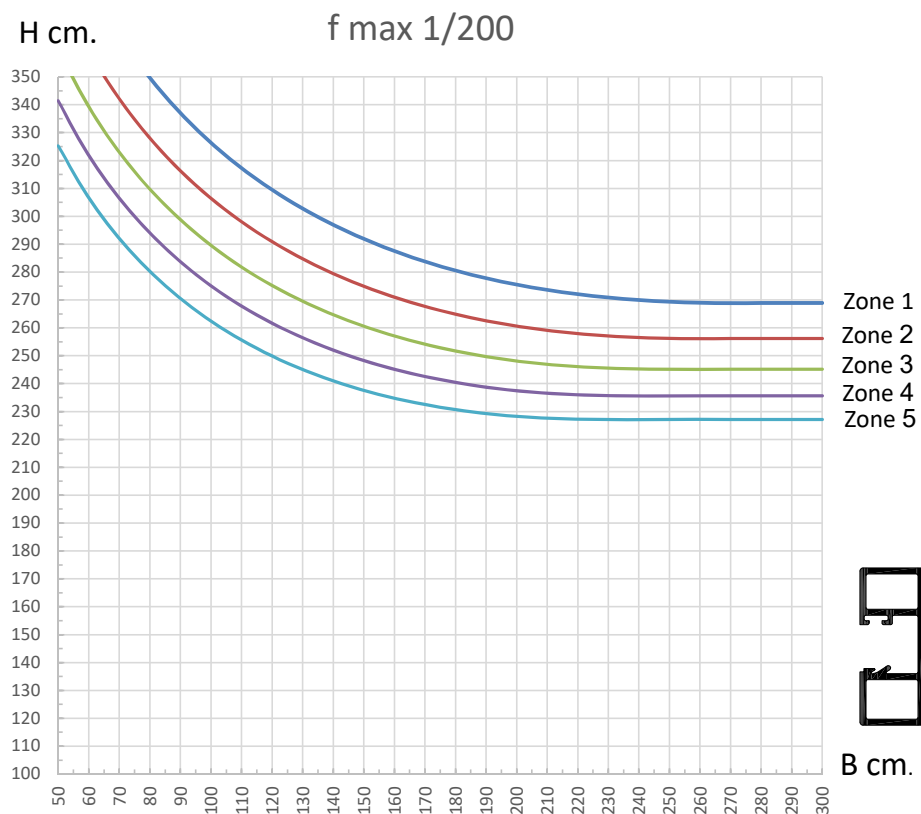


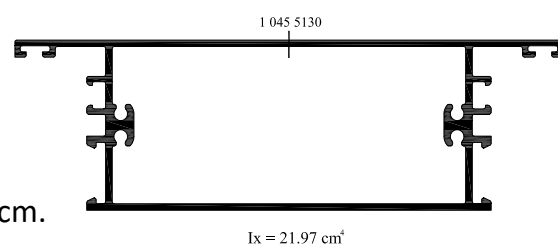
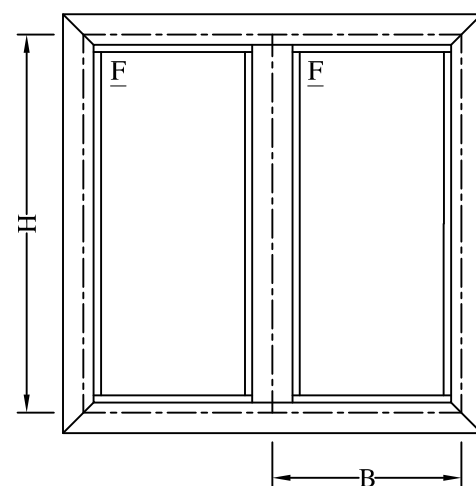
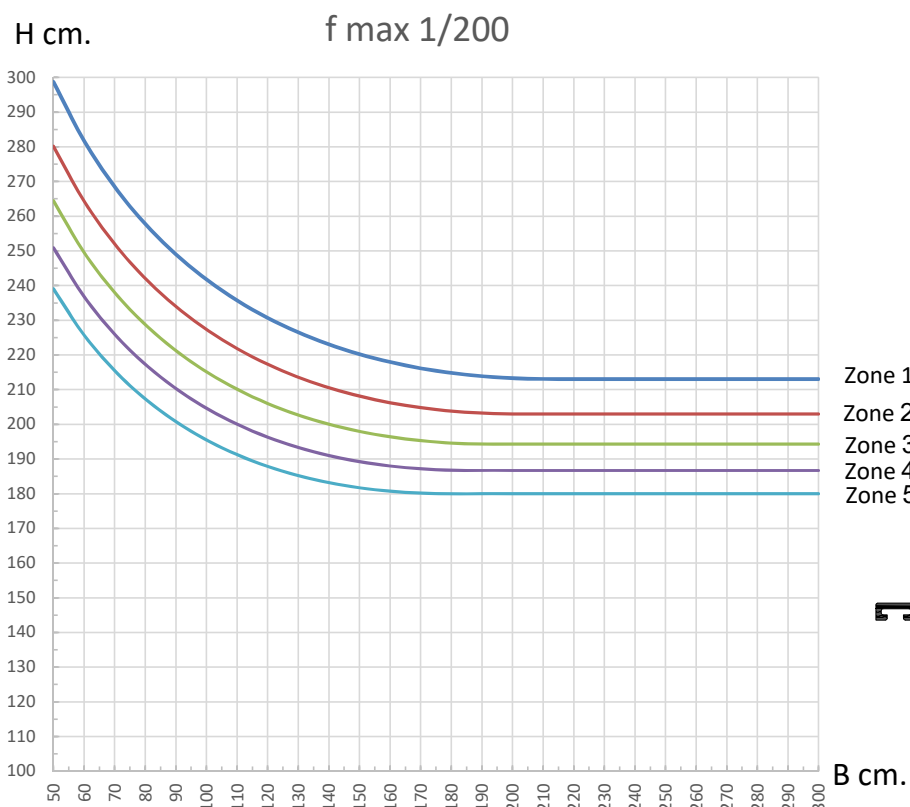
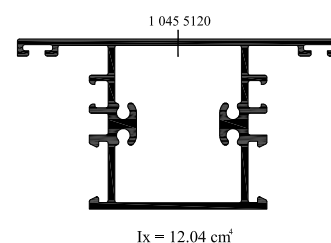
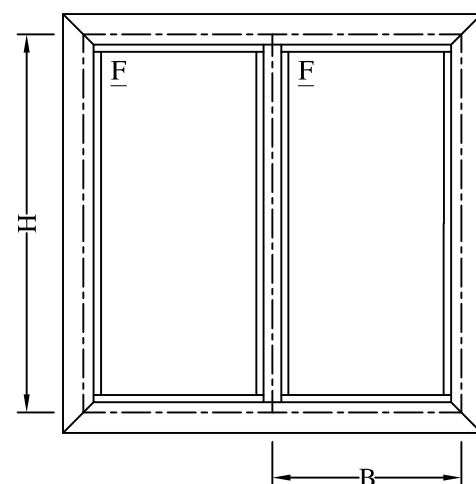
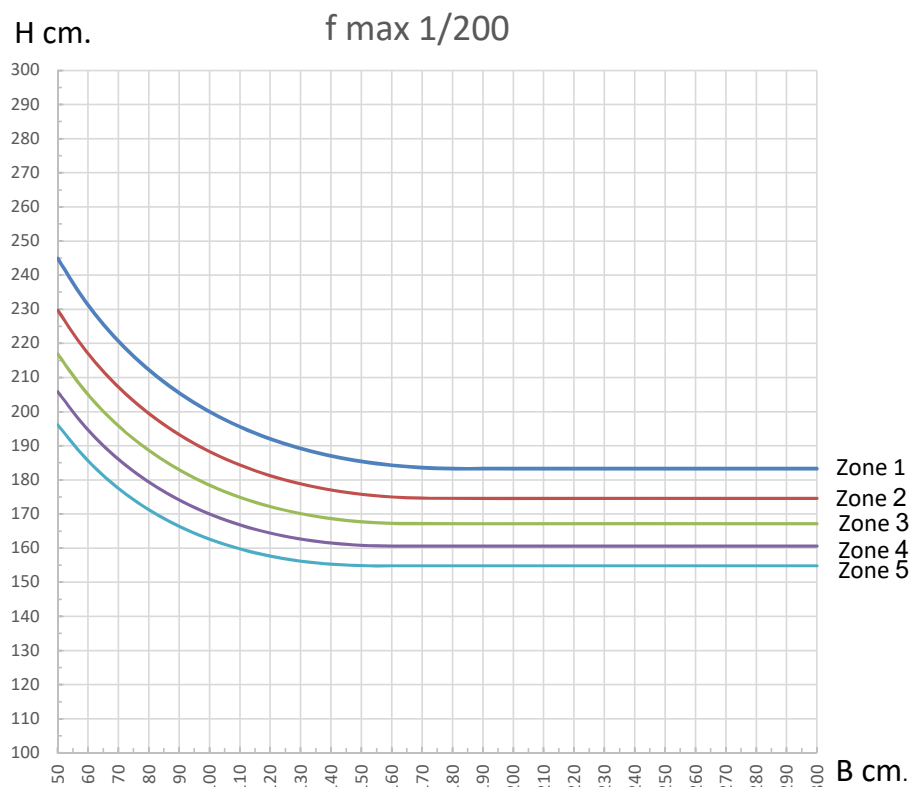
H cm. f max 1/200



H cm. f max 1/200

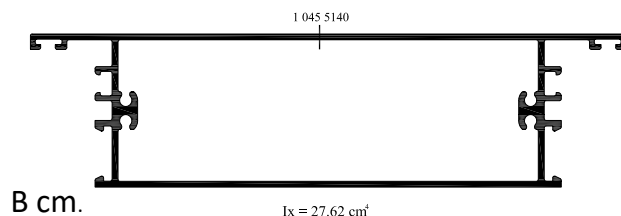
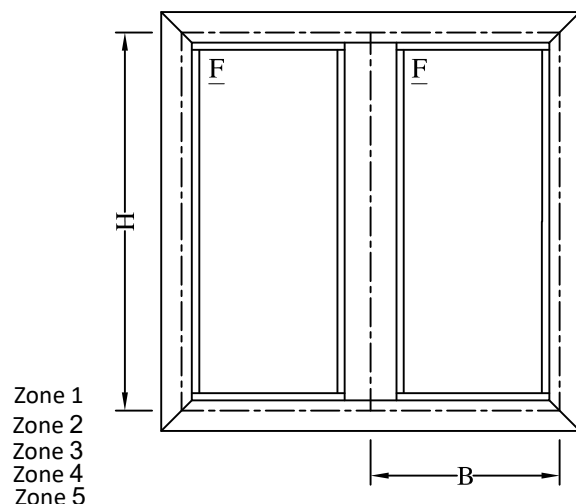
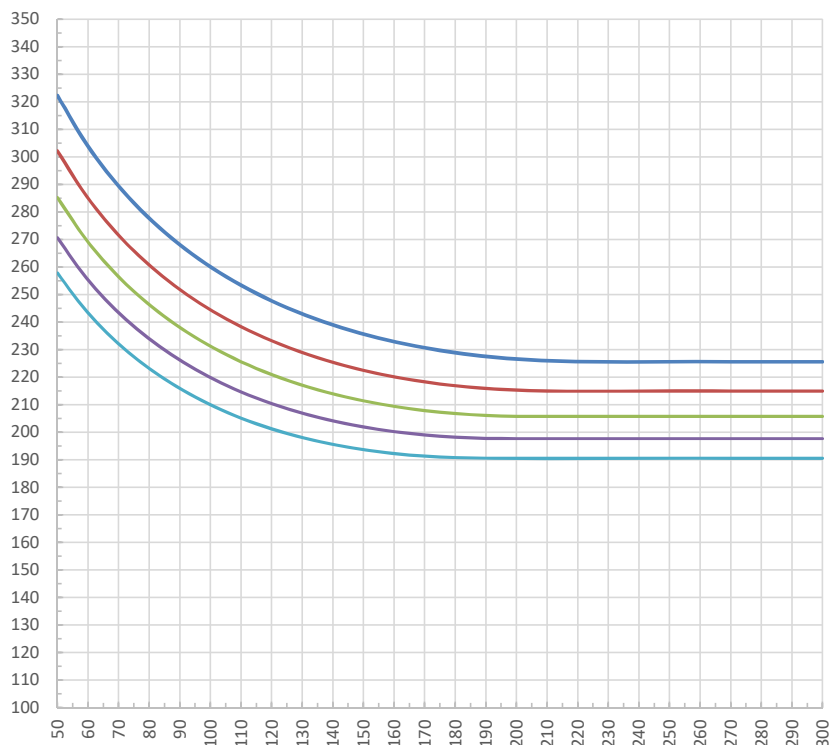




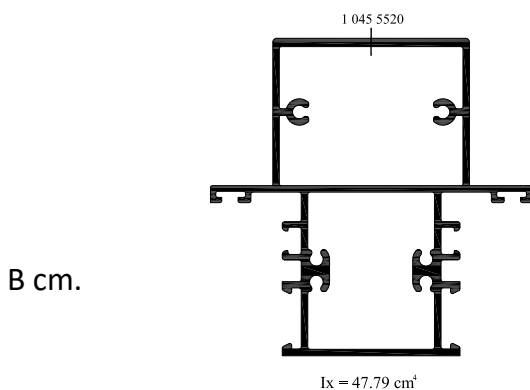
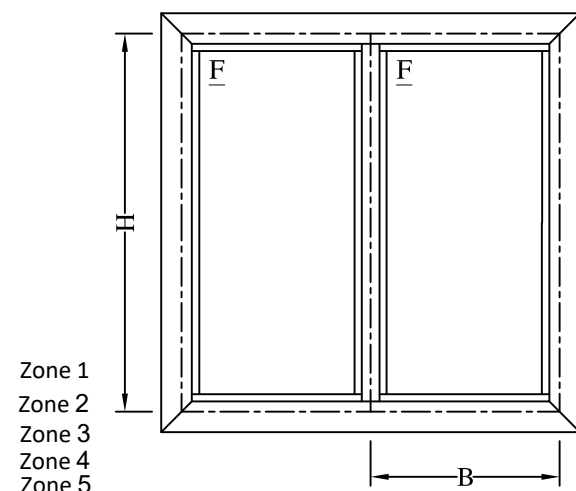
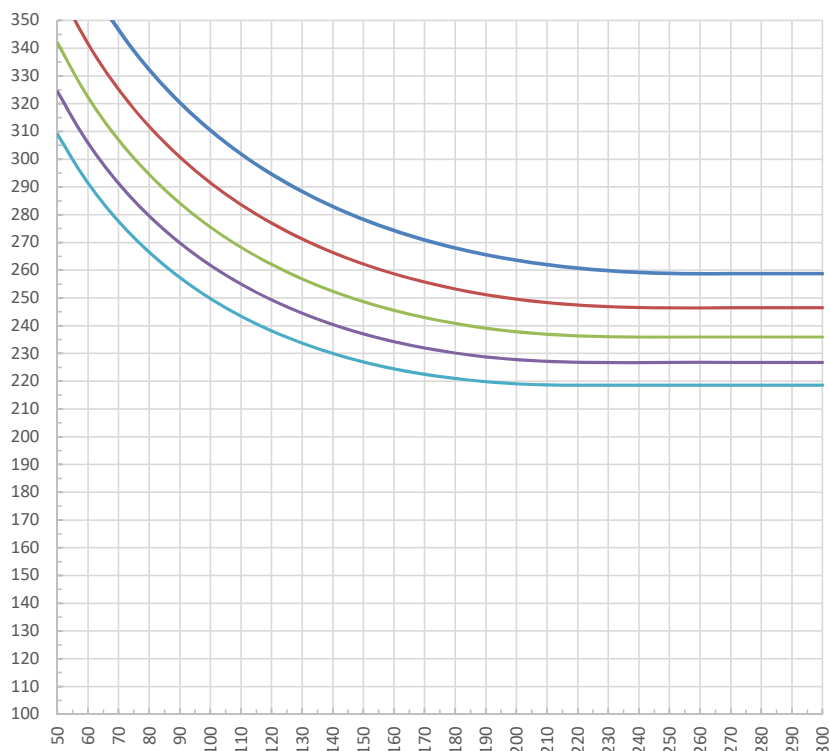


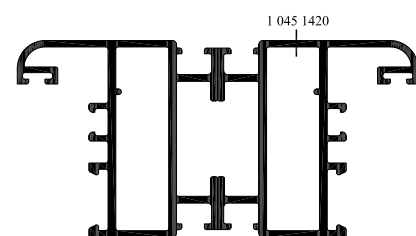
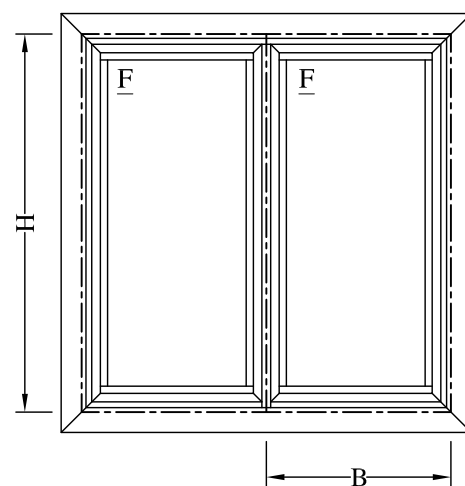
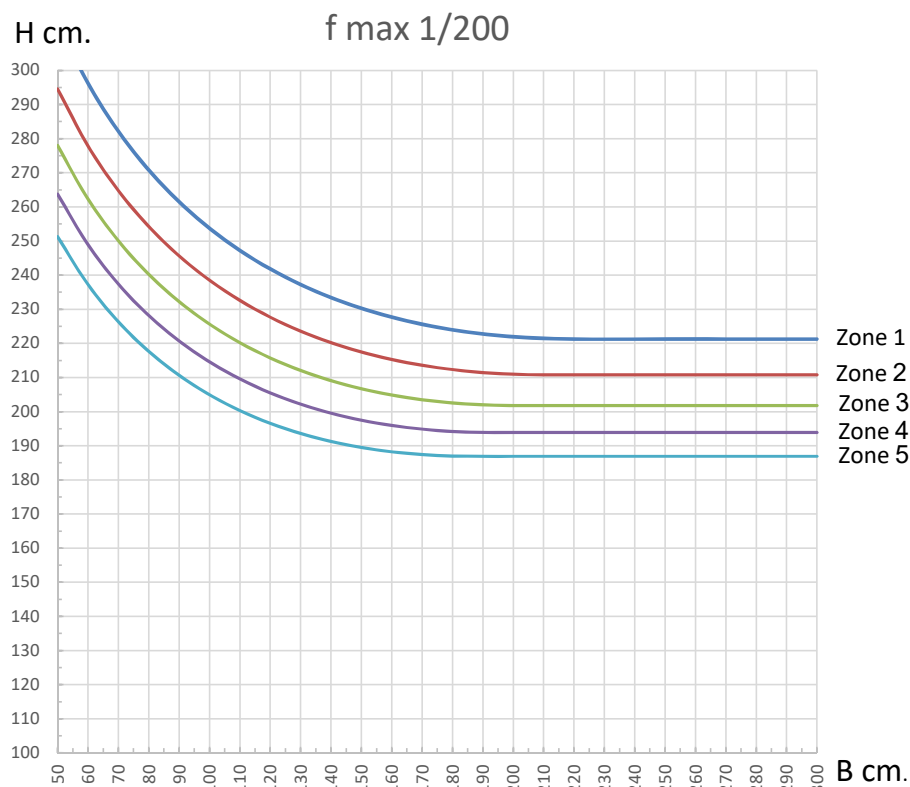


H cm. $f \max 1/200$

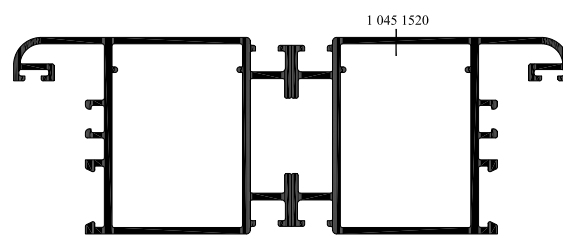
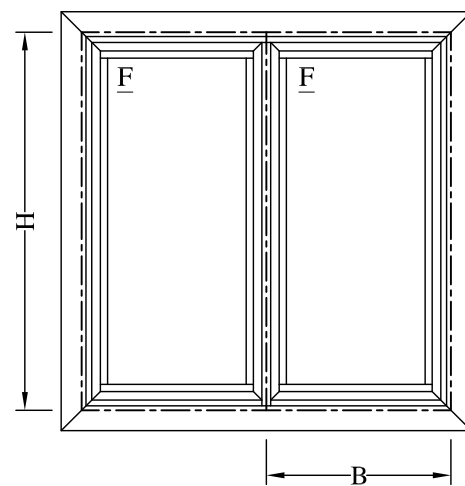
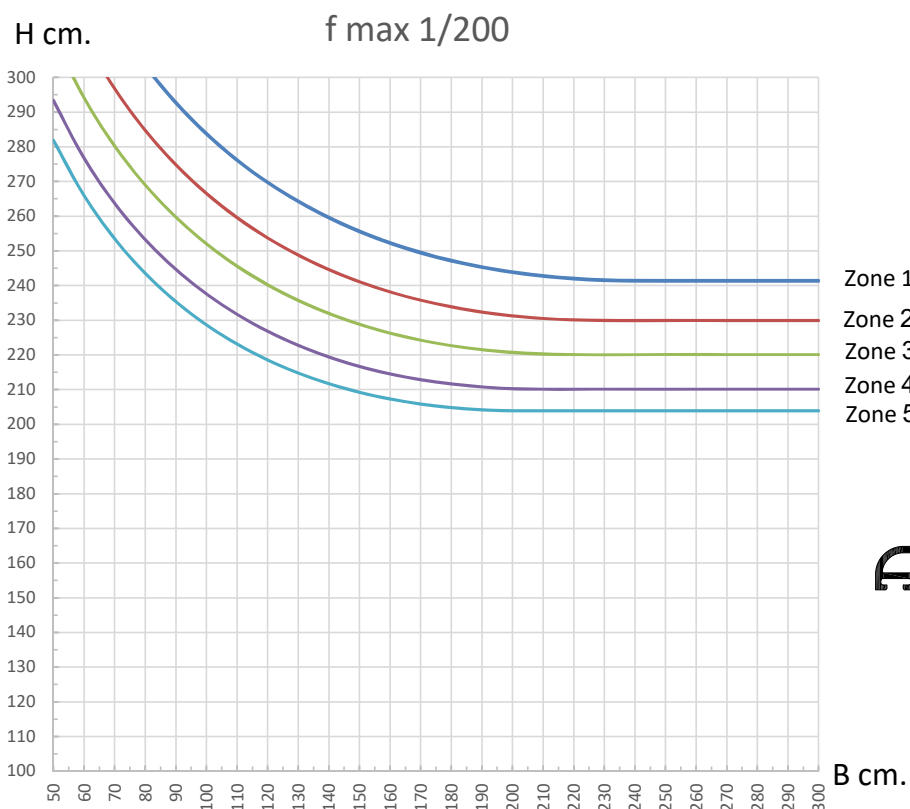


H cm. $f \max 1/200$





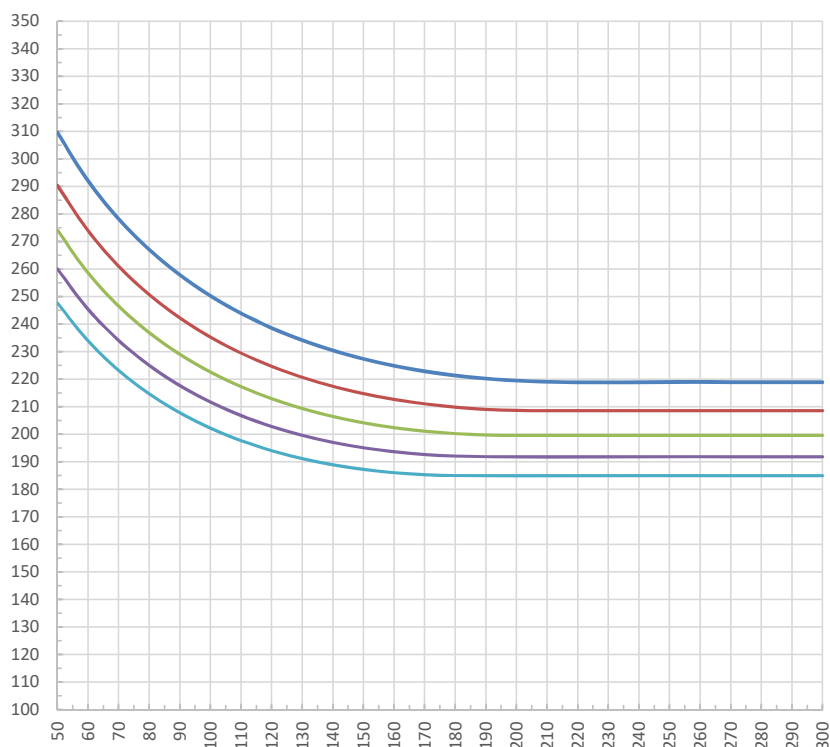
$I_x = 25.56 \text{ cm}^4$



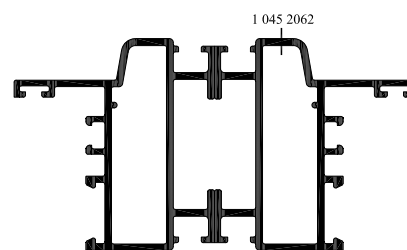
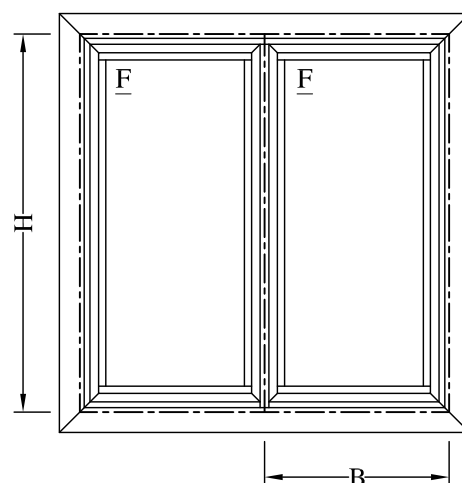
$I_x = 36.20 \text{ cm}^4$



H cm. $f \max 1/200$

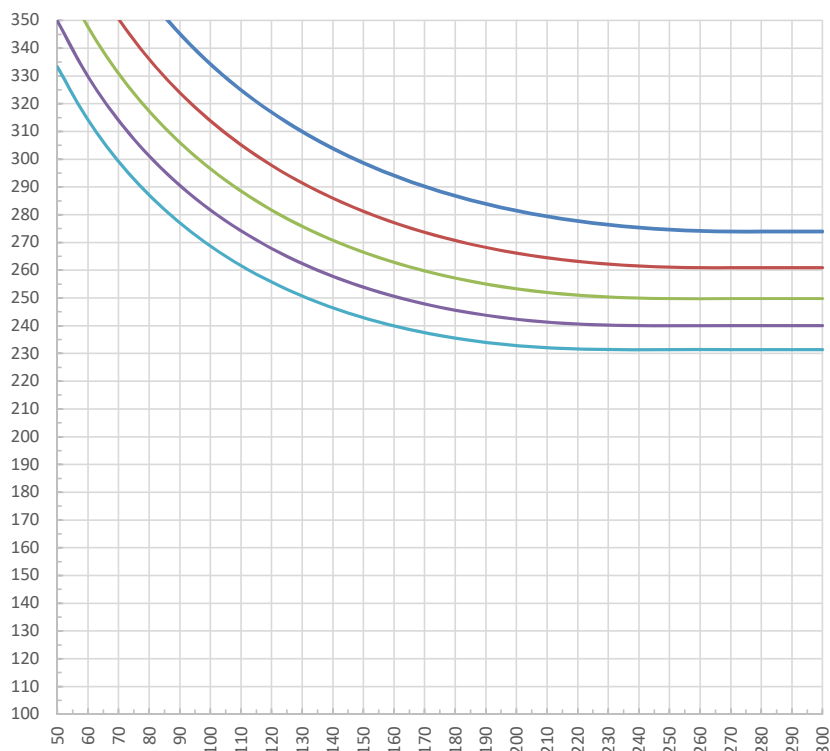


Zone 1
Zone 2
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Zone 5

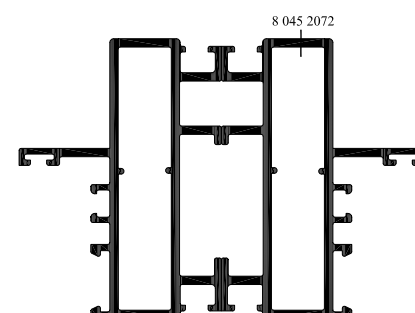
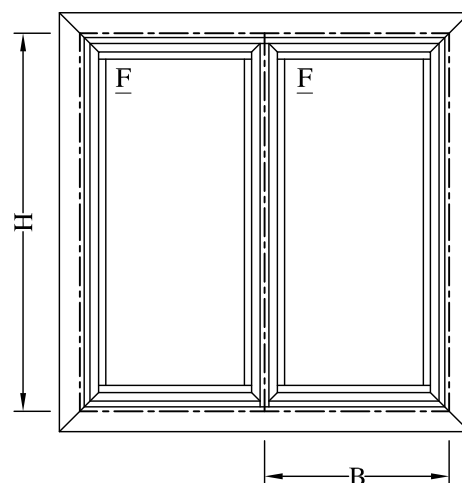


$I_x = 24.48 \text{ cm}^4$

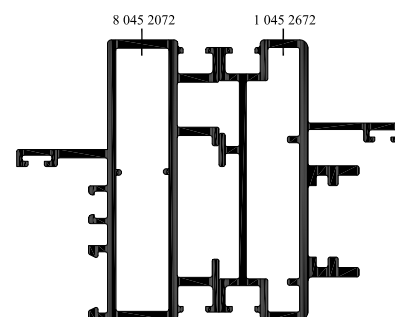
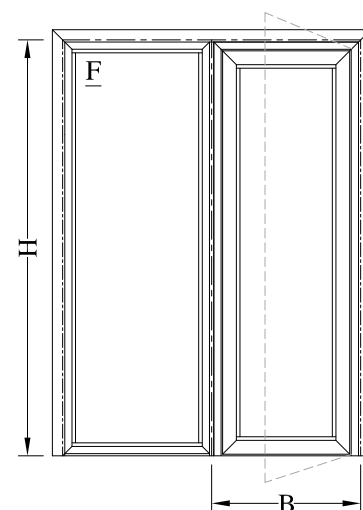
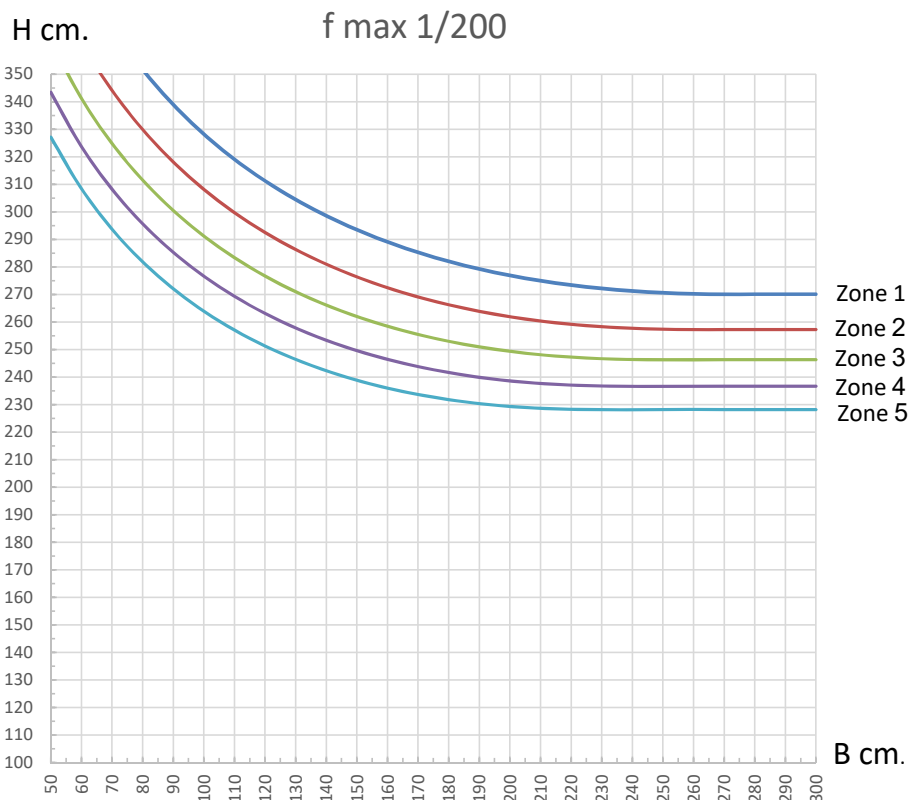
H cm. $f \max 1/200$



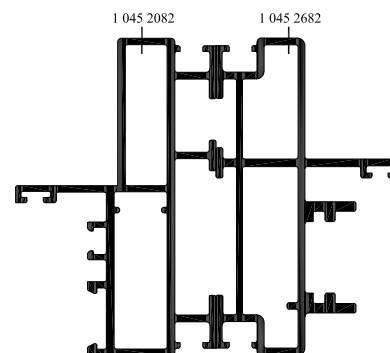
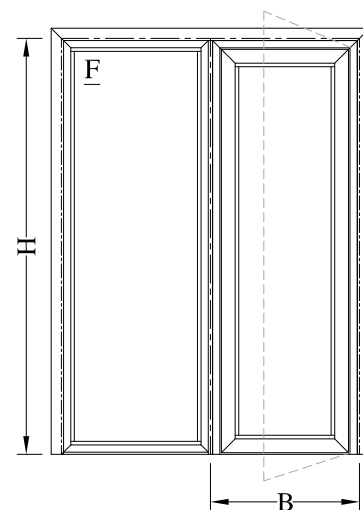
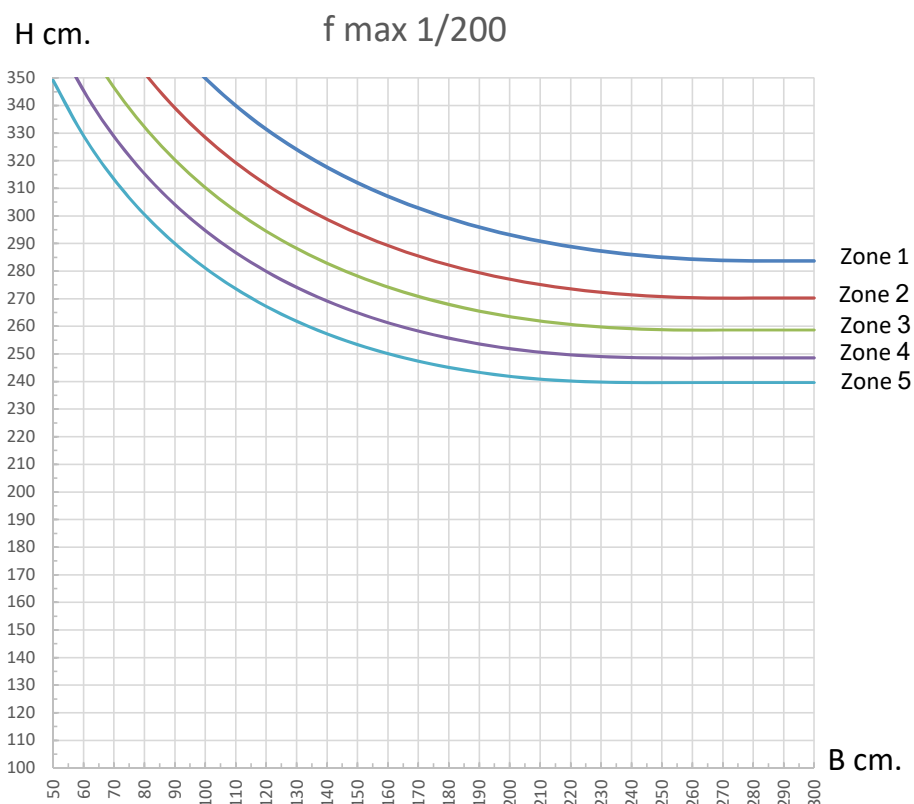
Zone 1
Zone 2
Zone 3
Zone 4
Zone 5



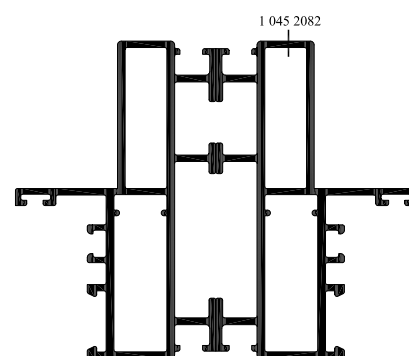
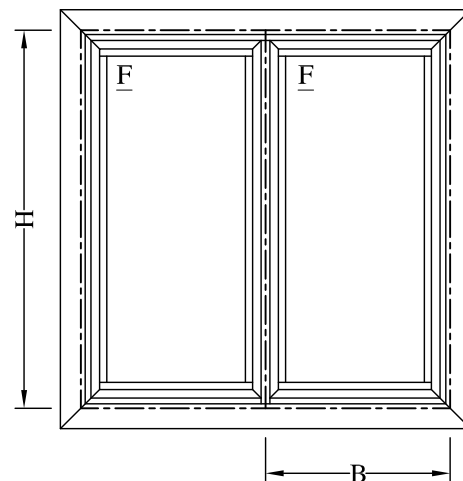
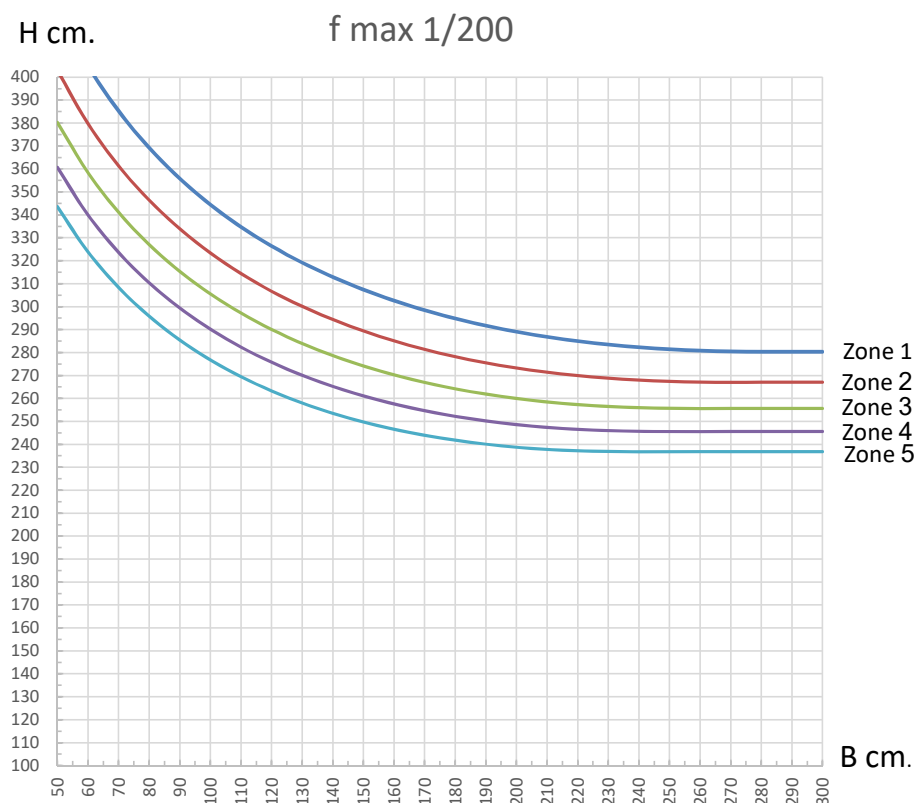
$I_x = 60.03 \text{ cm}^4$



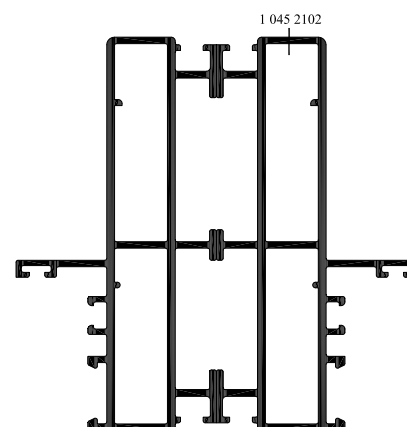
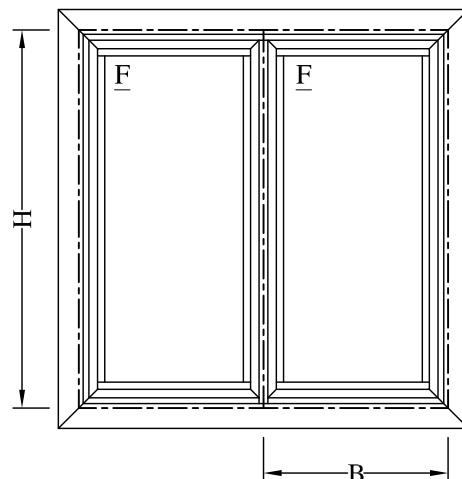
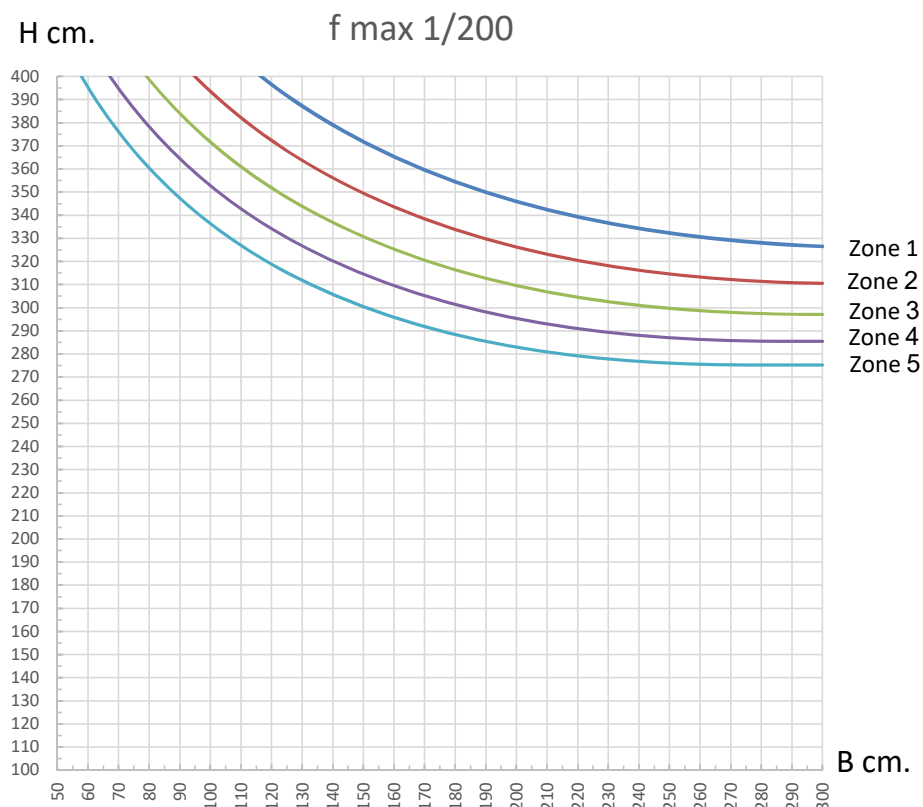
$$I_x = 56.76 \text{ cm}^4$$



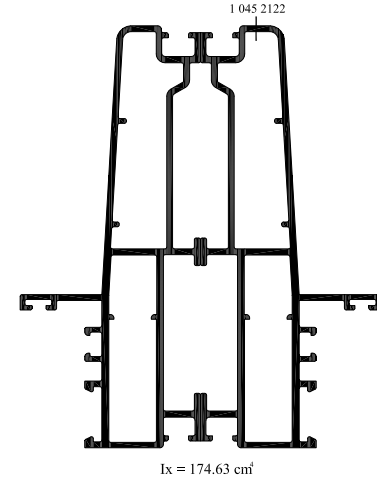
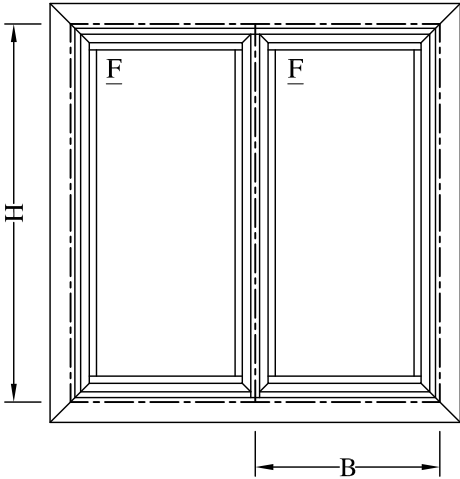
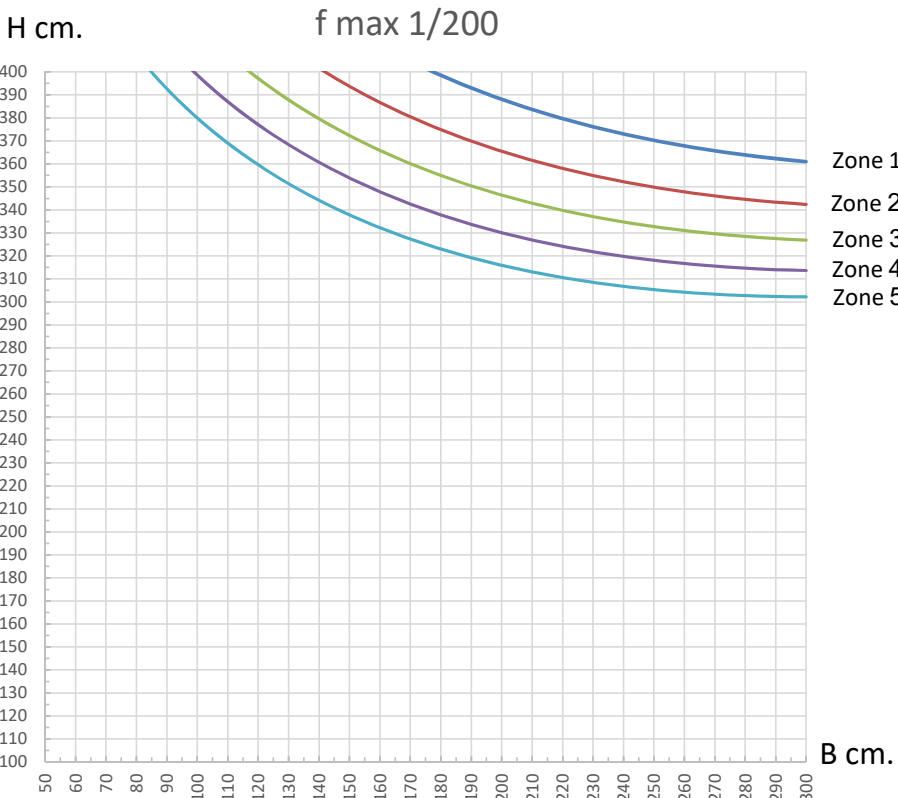
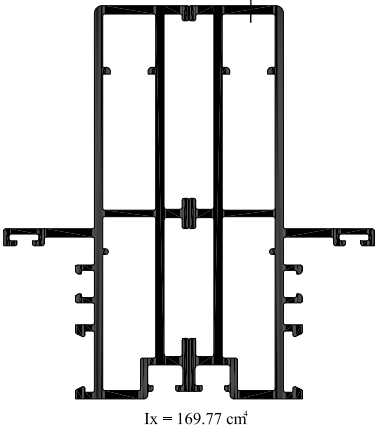
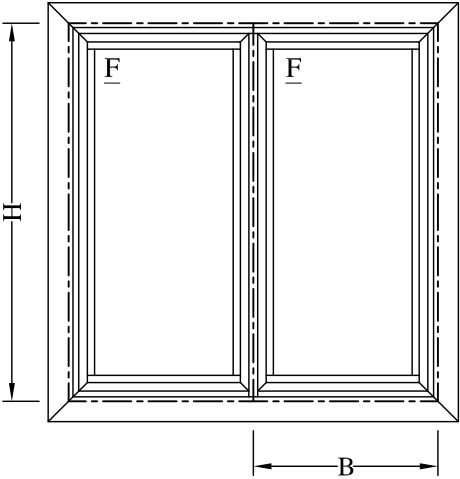
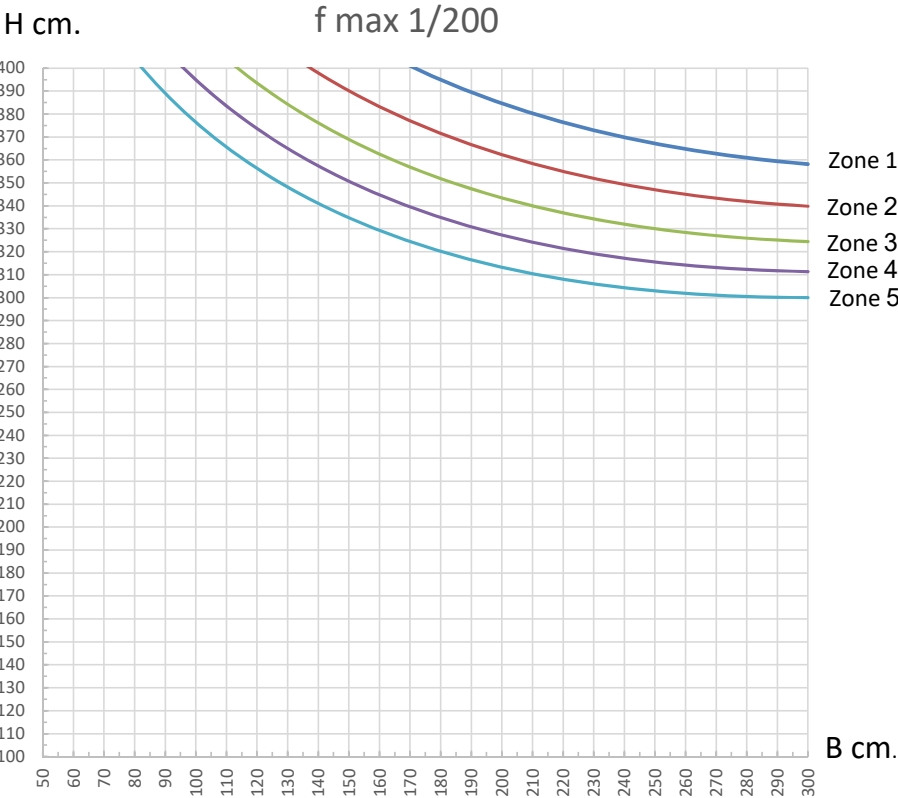
$$I_x = 69.05 \text{ cm}^4$$

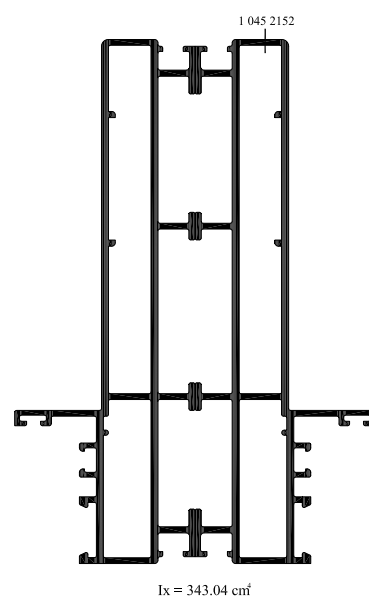
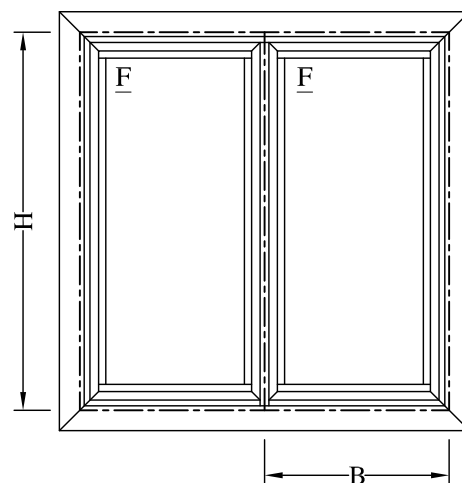
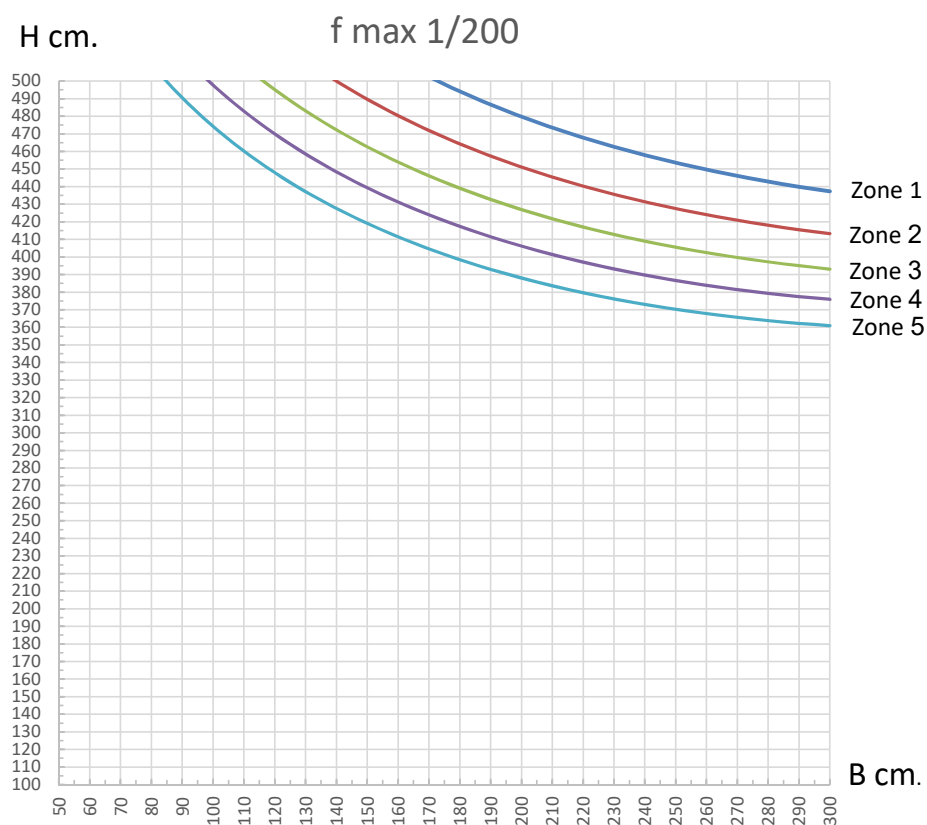


$I_x = 65.84 \text{ cm}^4$

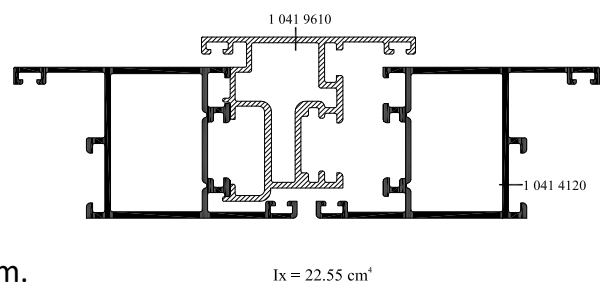
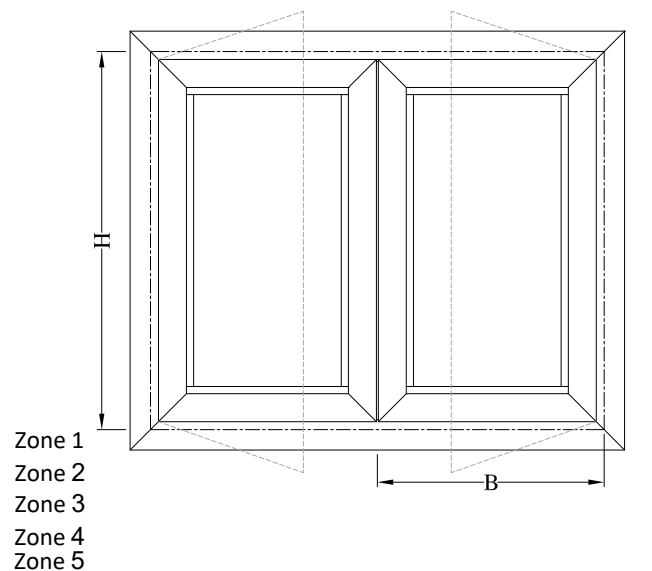
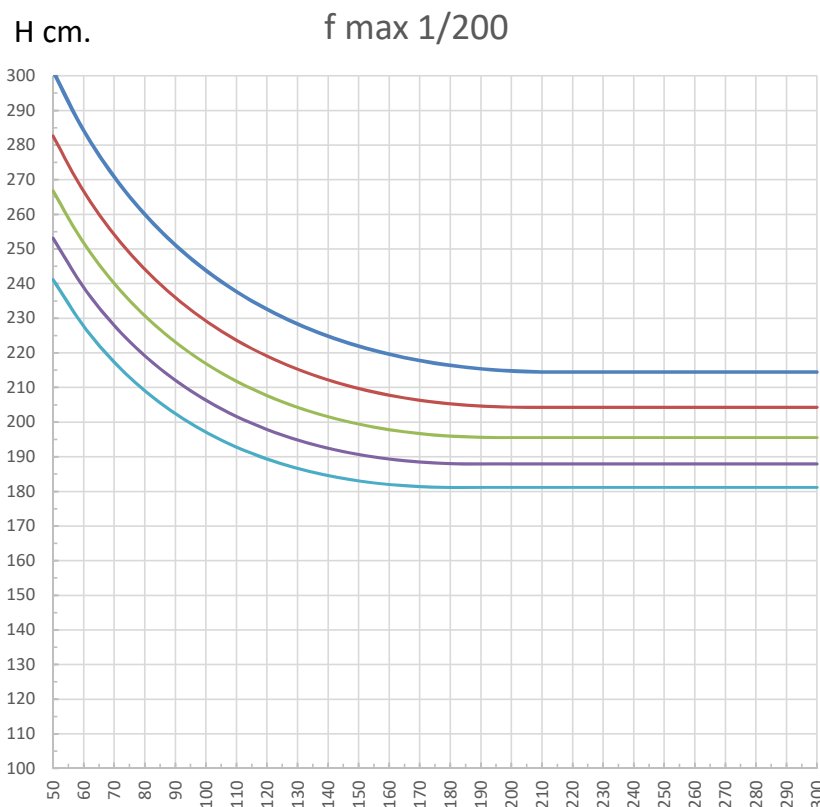
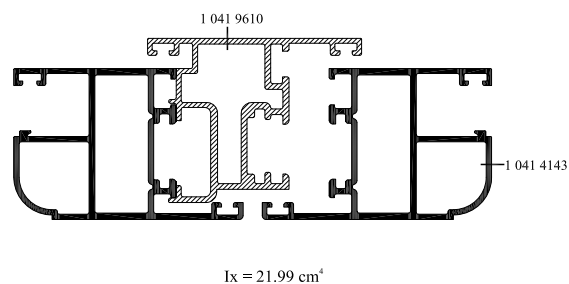
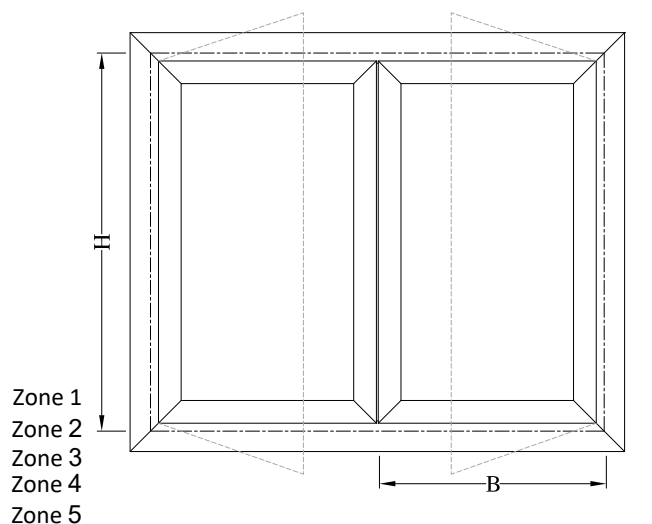
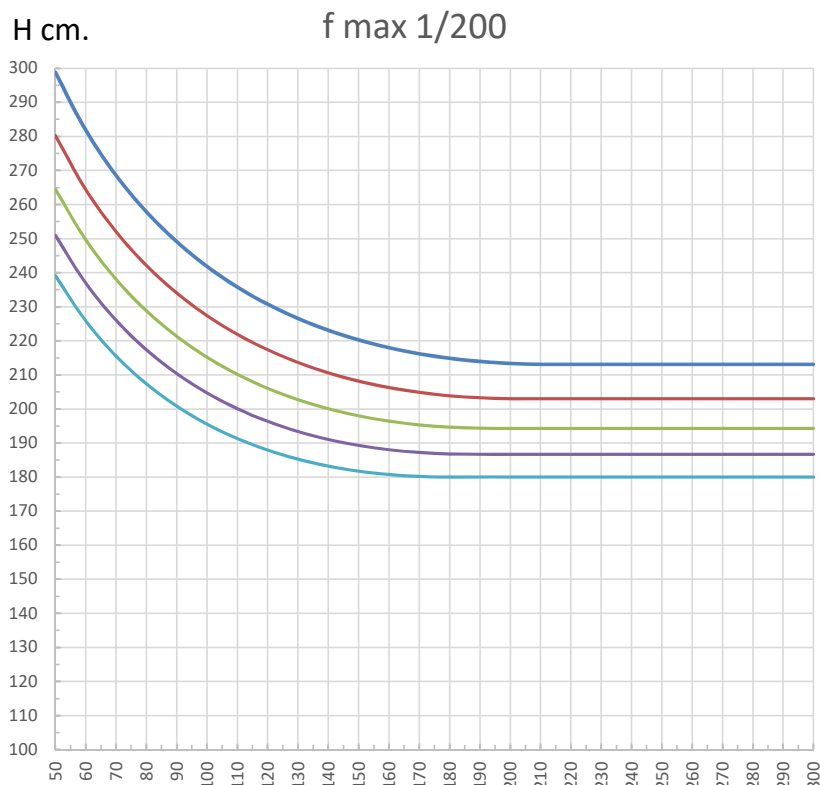


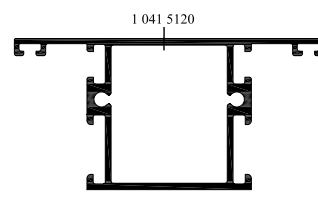
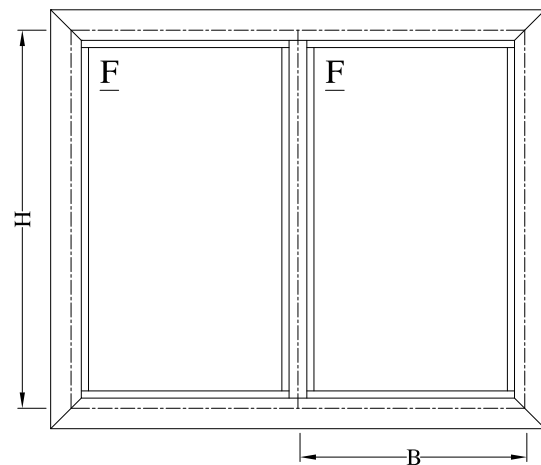
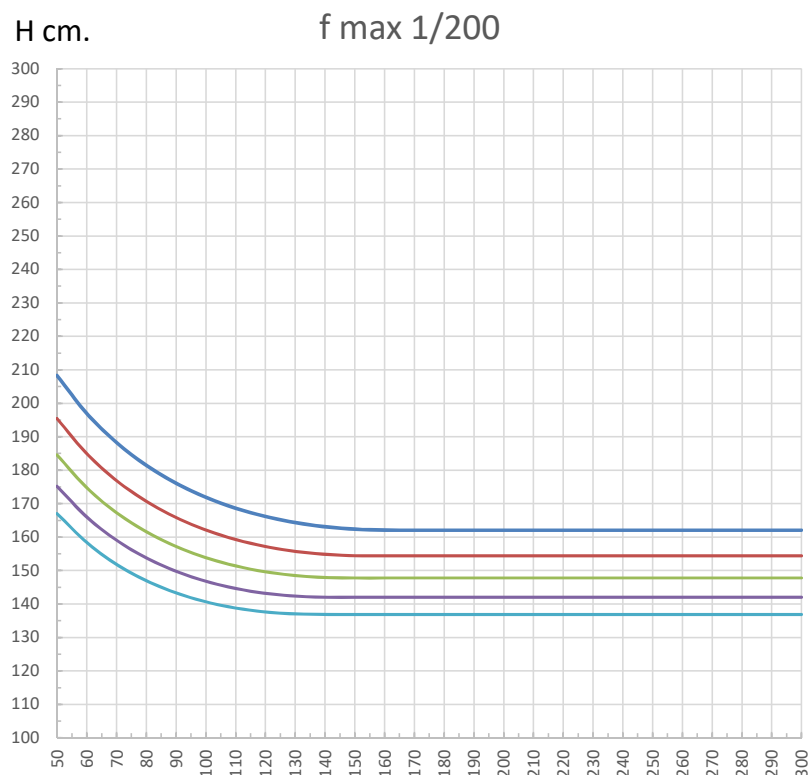
$I_x = 120.18 \text{ cm}^4$



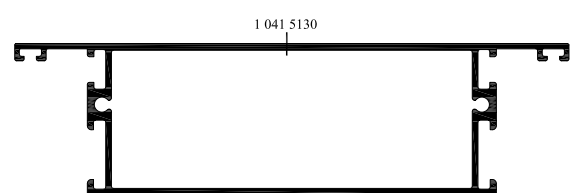
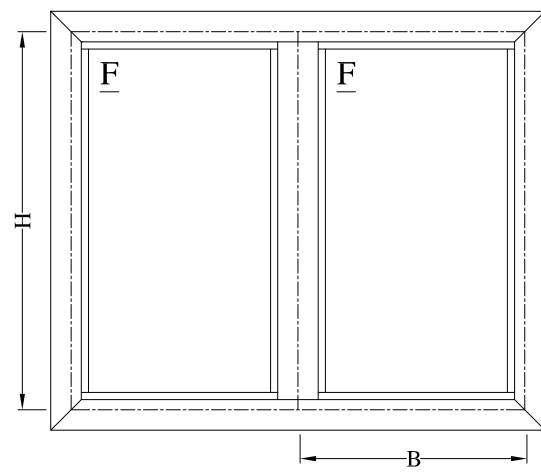
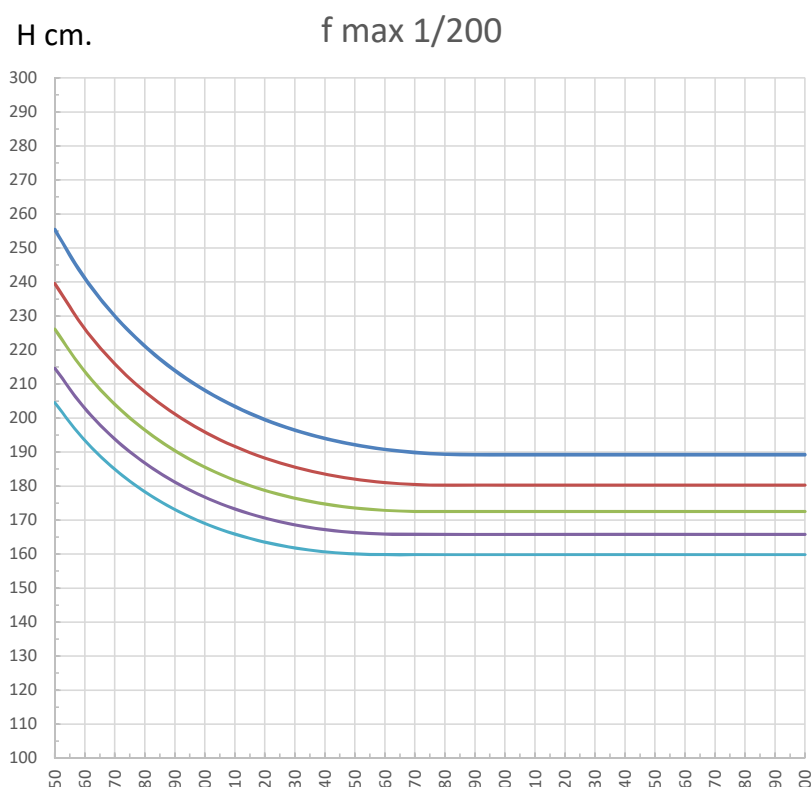


VOLTA 40





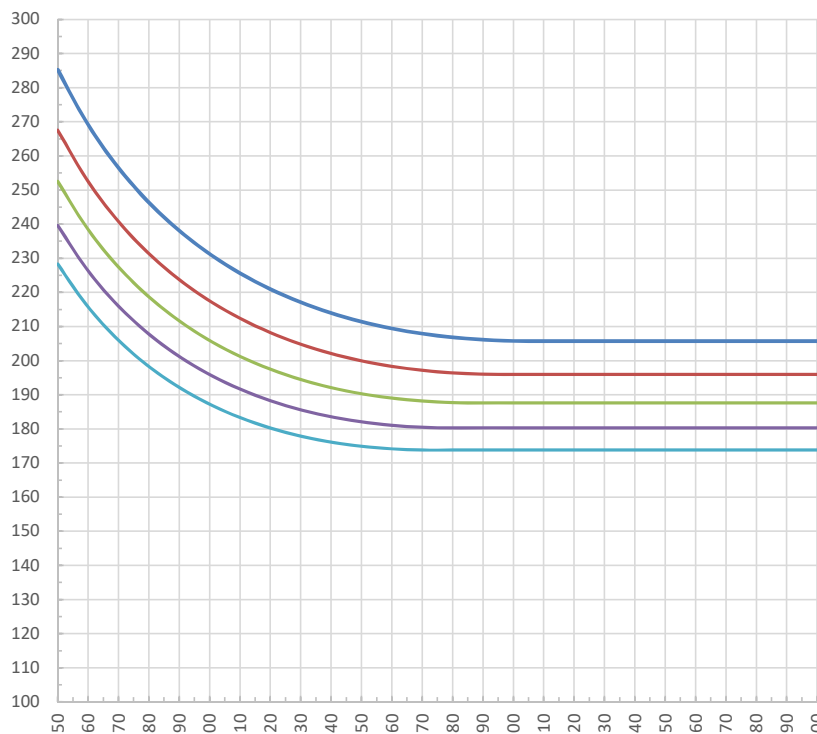
$I_x = 7.36 \text{ cm}^4$



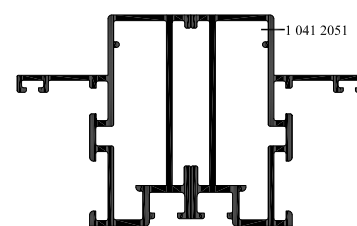
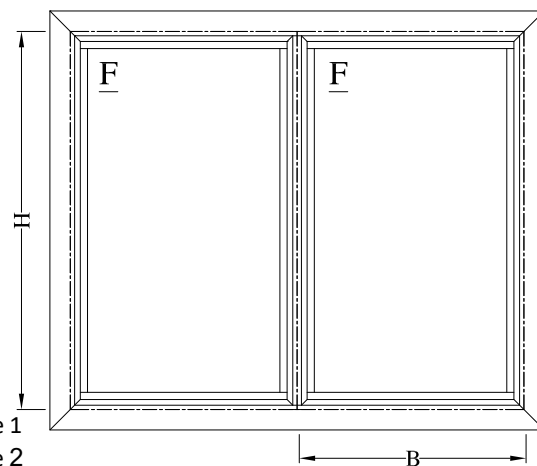
$I_x = 13.67 \text{ cm}^4$



H cm. $f \max 1/200$

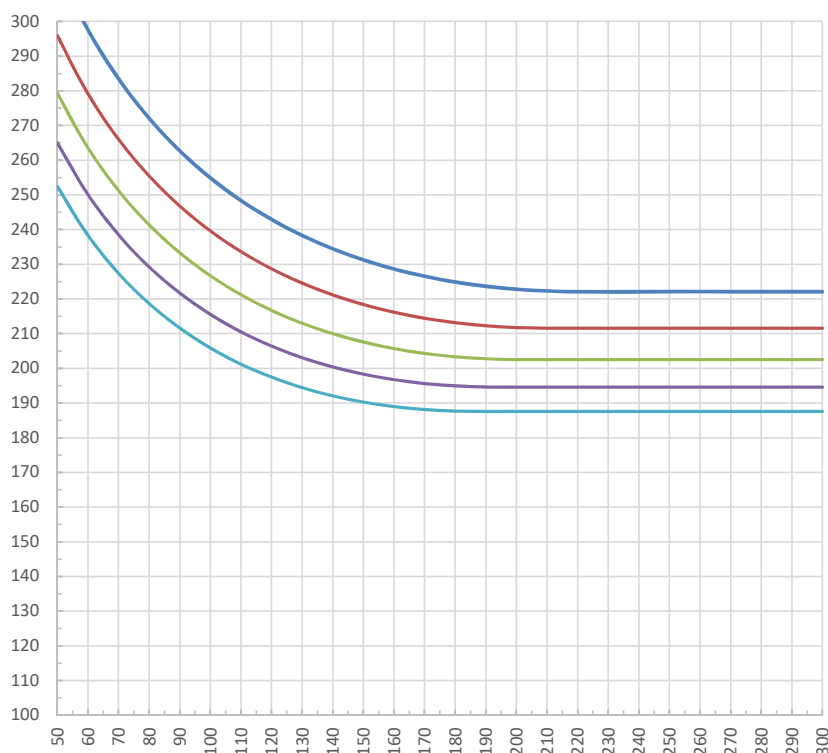


Zone 1
Zone 2
Zone 3
Zone 4
Zone 5

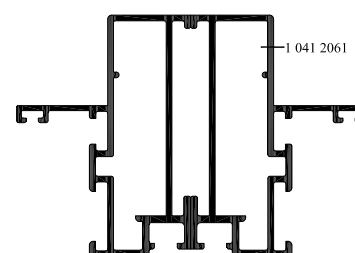
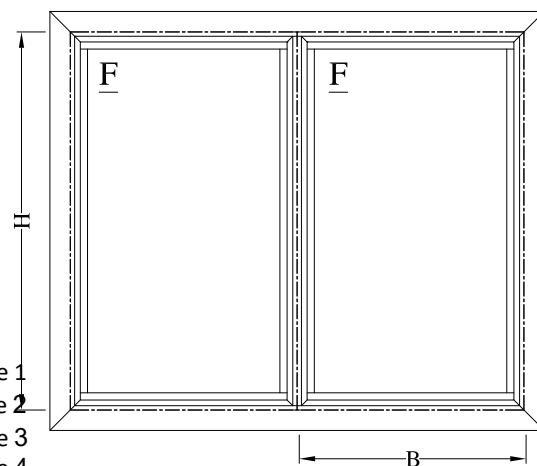


$I_x = 19.11 \text{ cm}^4$

H cm. $f \max 1/200$



Zone 1
Zone 2
Zone 3
Zone 4
Zone 5

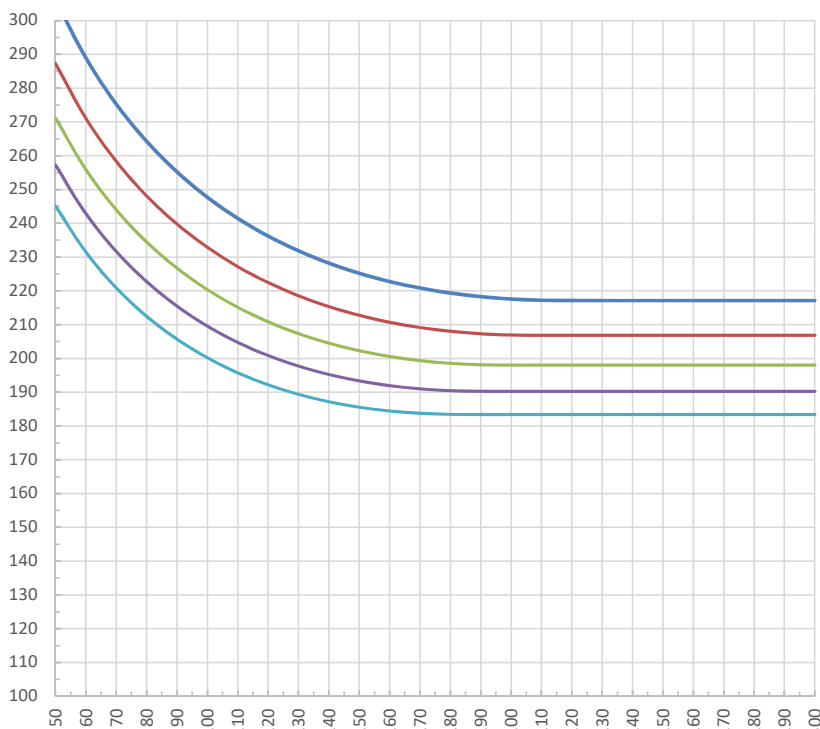


$I_x = 25.93 \text{ cm}^4$

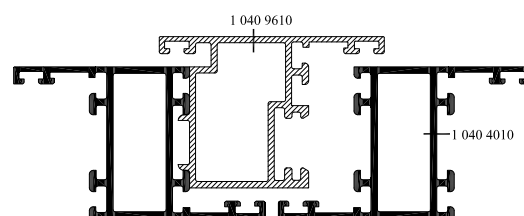
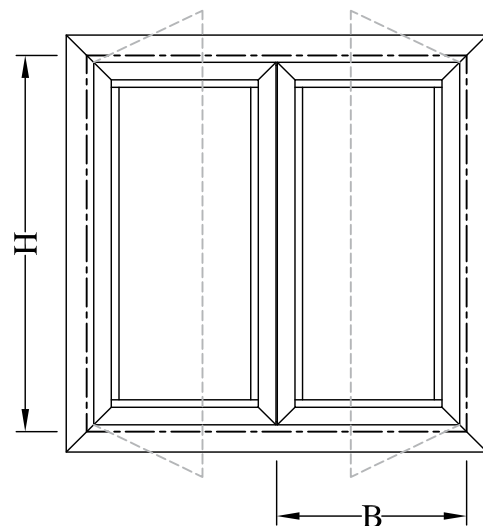
SAMBA 40



H cm. f max 1/200

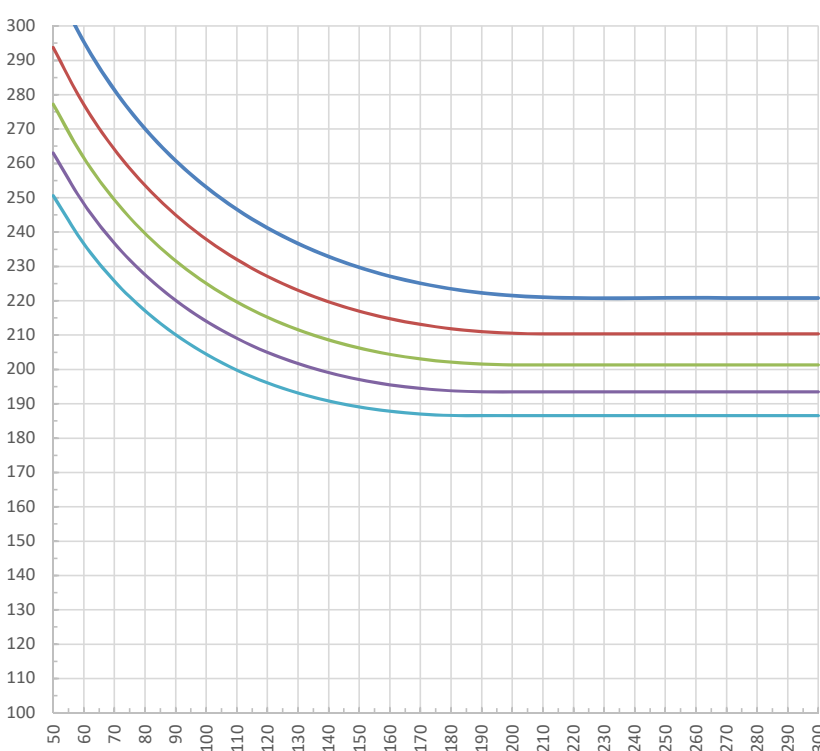


Zone 1
Zone 2
Zone 3
Zone 4
Zone 5

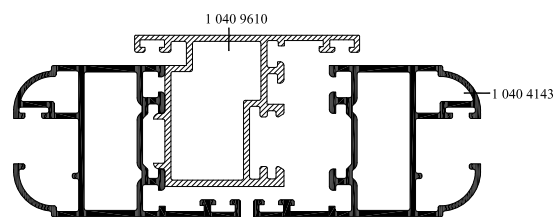
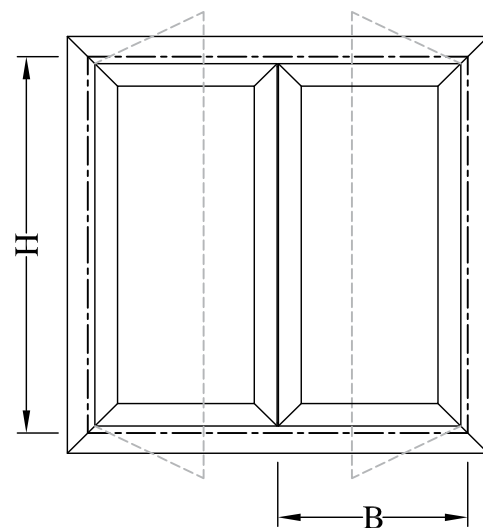


$$I_x = 23.71 \text{ cm}^4$$

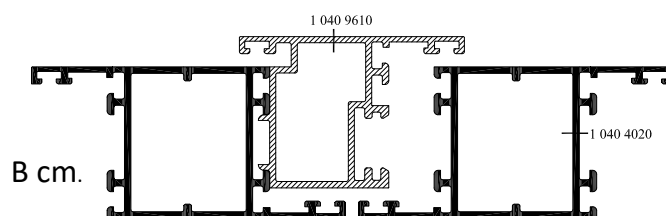
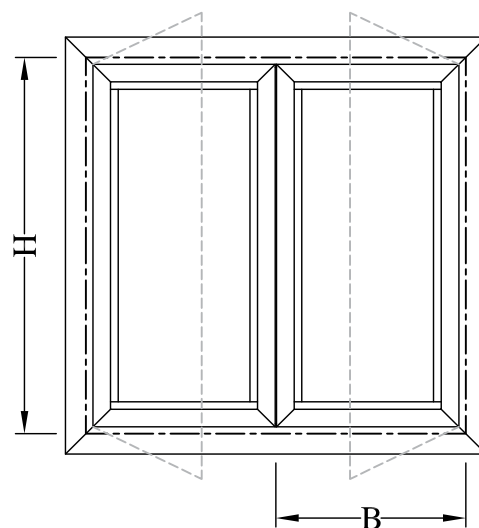
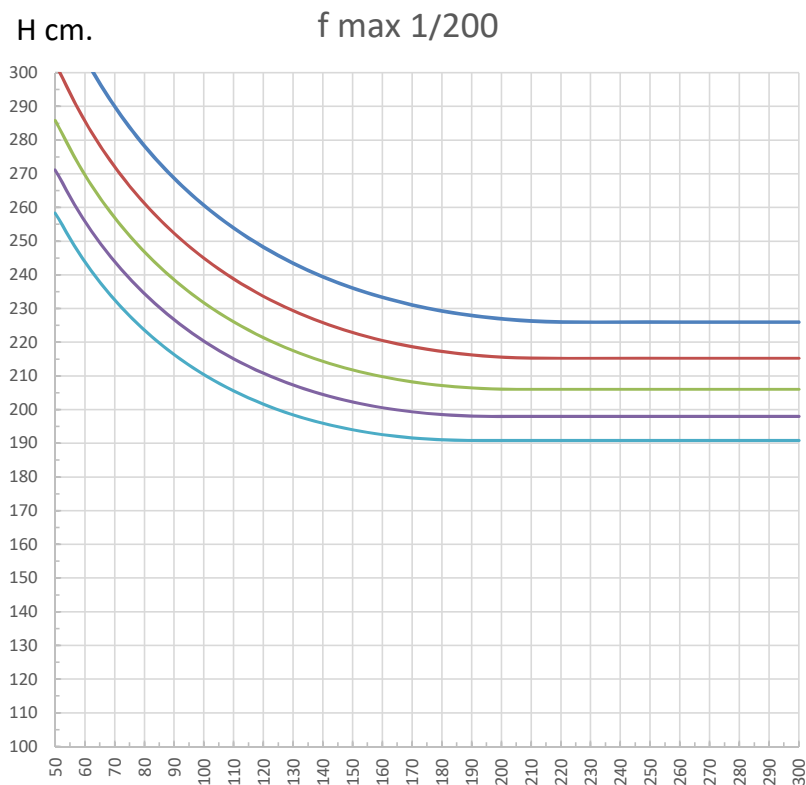
H cm. f max 1/200



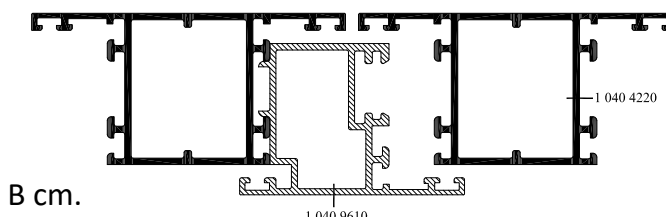
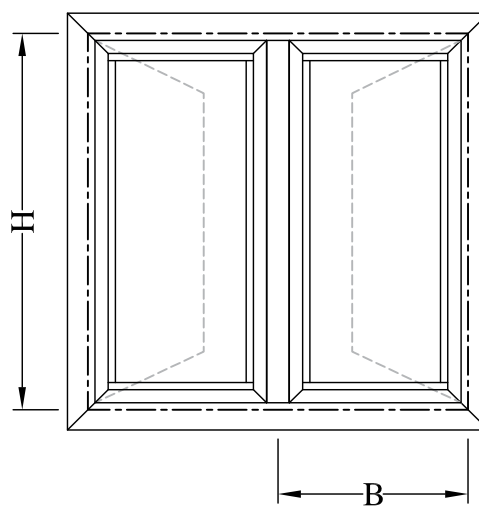
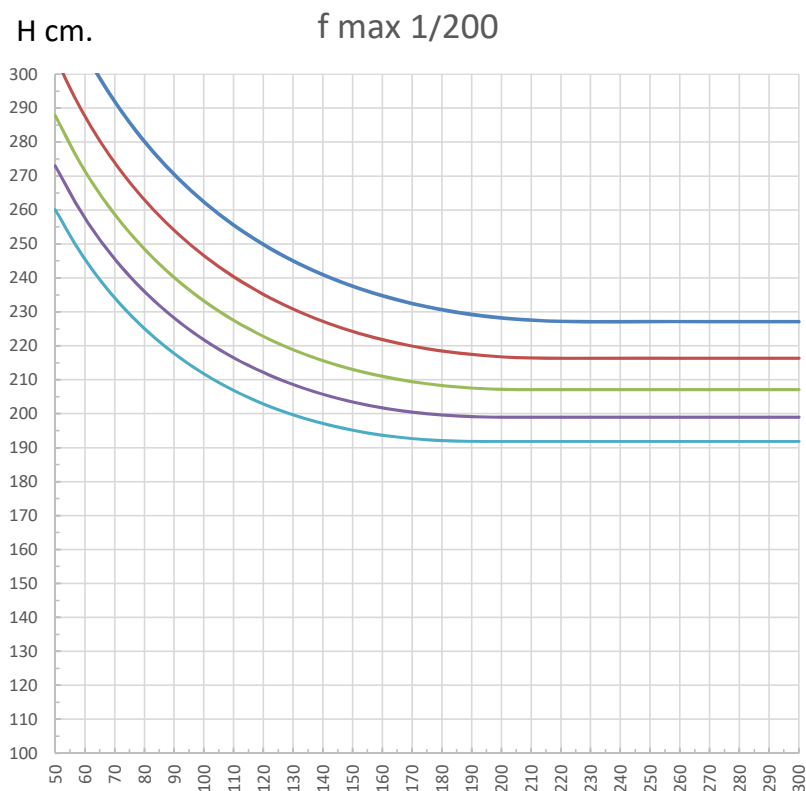
Zone 1
Zone 2
Zone 3
Zone 4
Zone 5



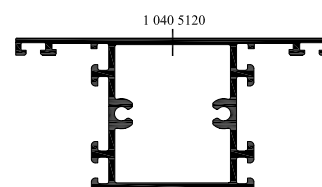
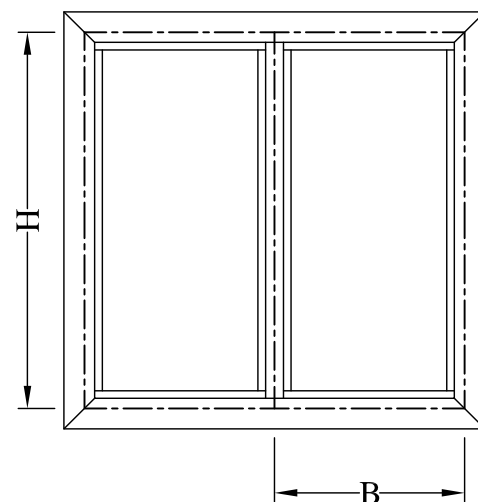
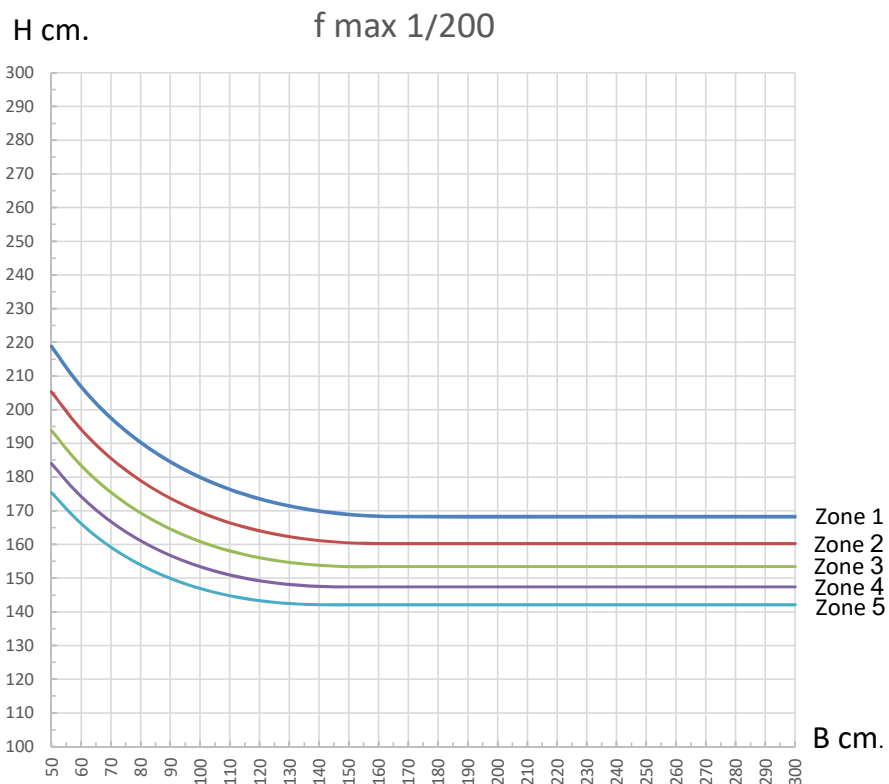
$$I_x = 25.35 \text{ cm}^4$$



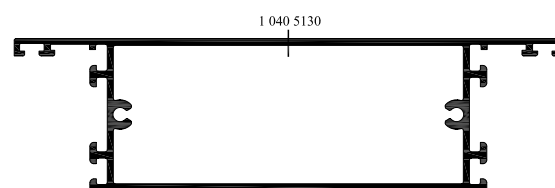
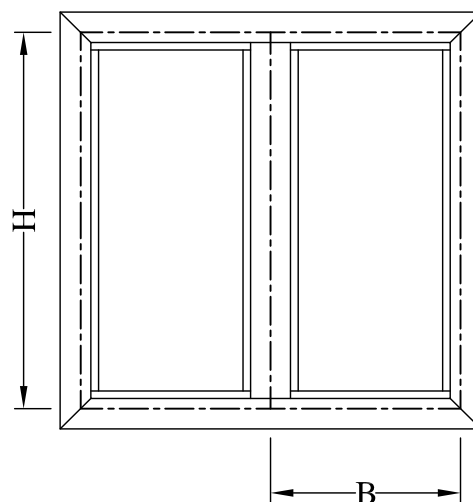
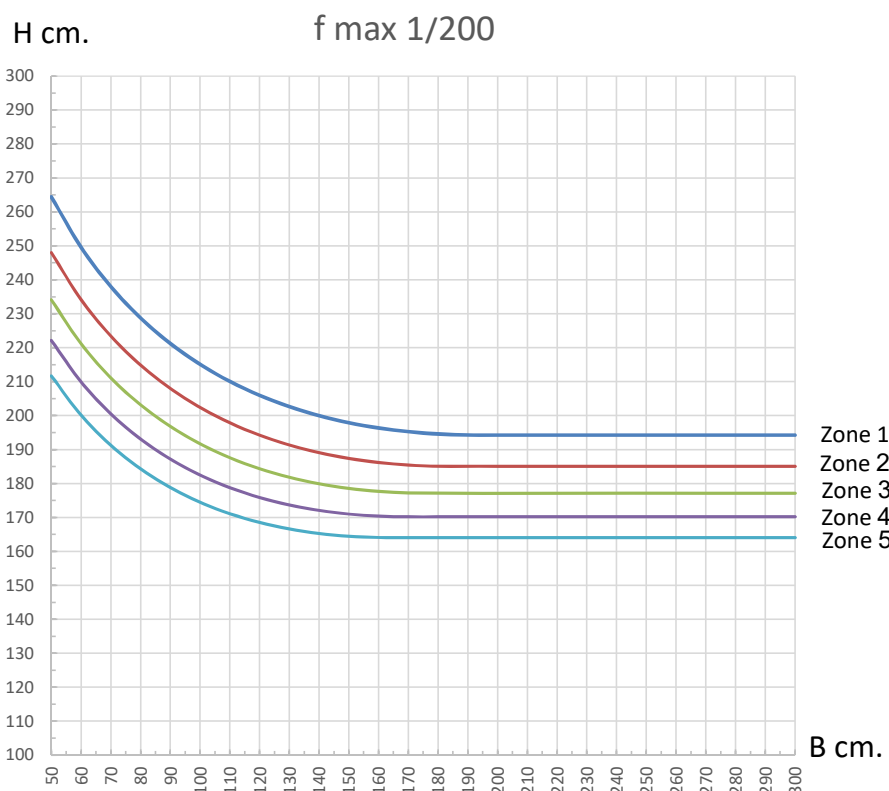
$$I_x = 27.80 \text{ cm}^4$$



$$I_x = 28.39 \text{ cm}^4$$



$$I_x = 8.55 \text{ cm}^4$$

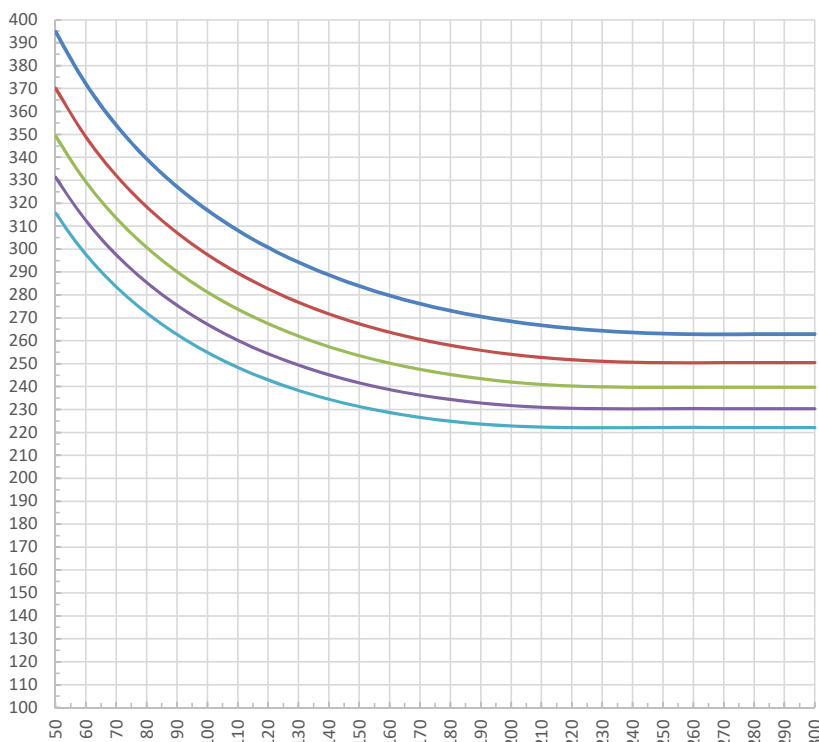


$$I_x = 15.19 \text{ cm}^4$$

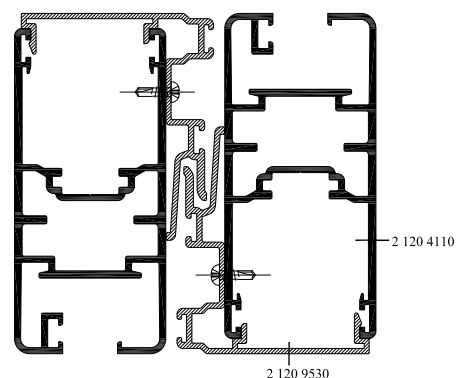
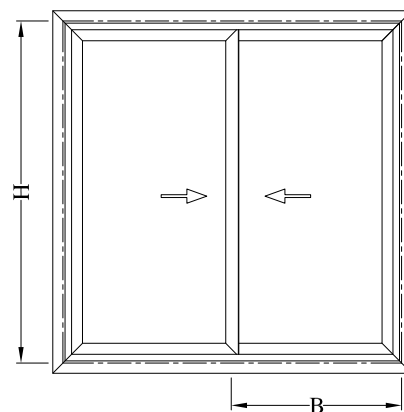
TENDU 120



H cm. $f \max 1/200$

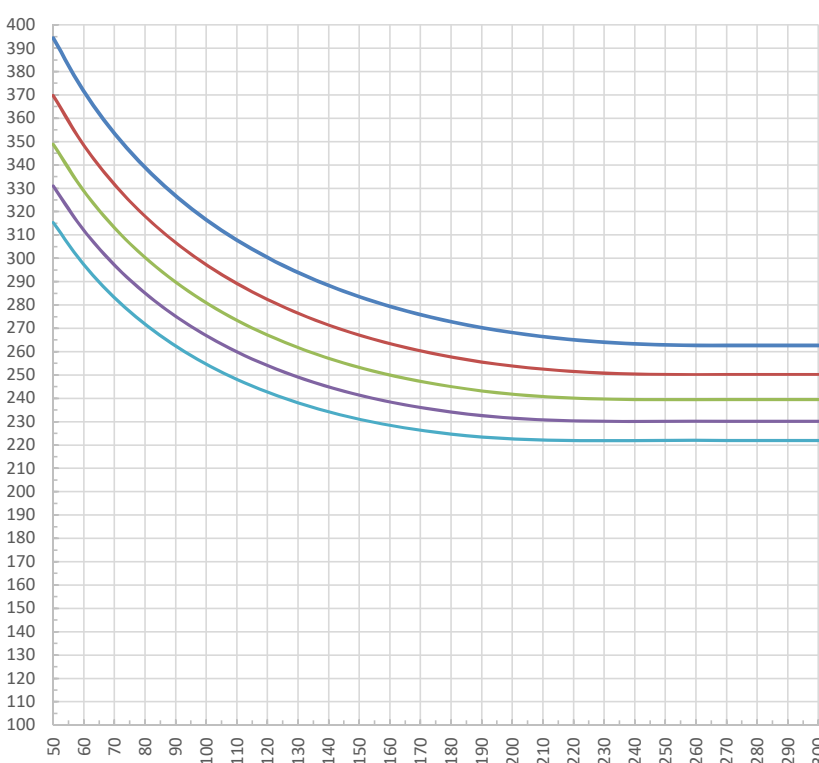


Zone 1
Zone 2
Zone 3
Zone 4
Zone 5

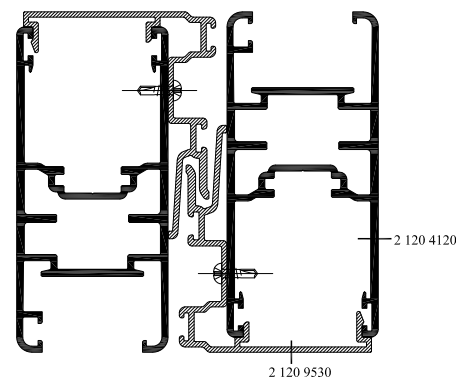
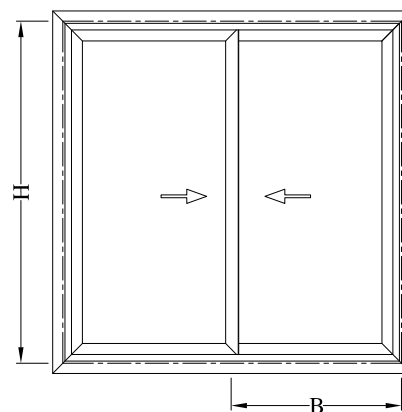


$I_x = 50.96 \text{ cm}^4$

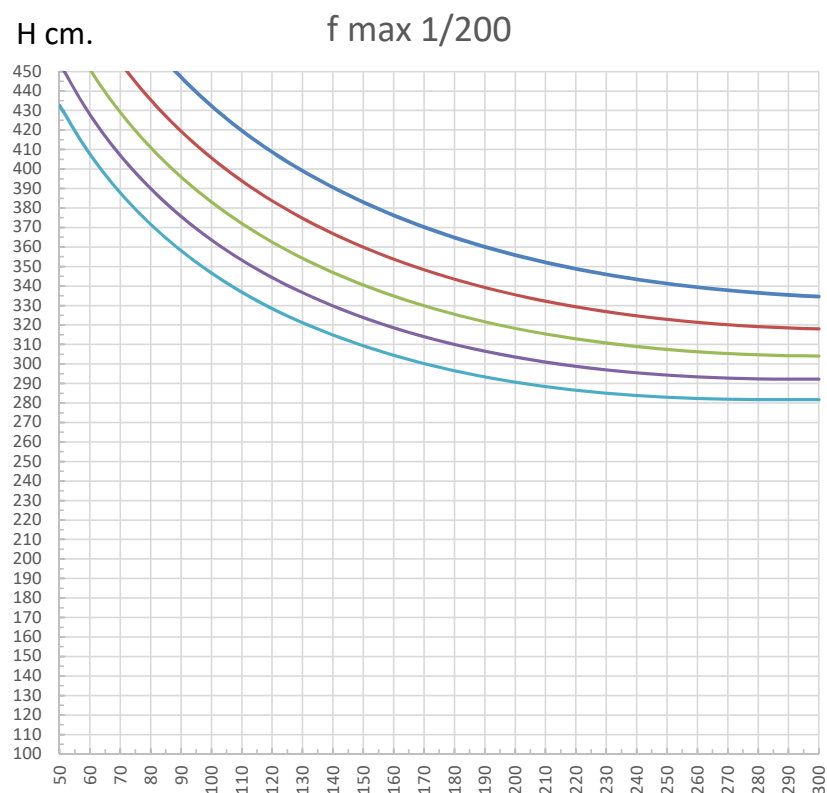
H cm. $f \max 1/200$



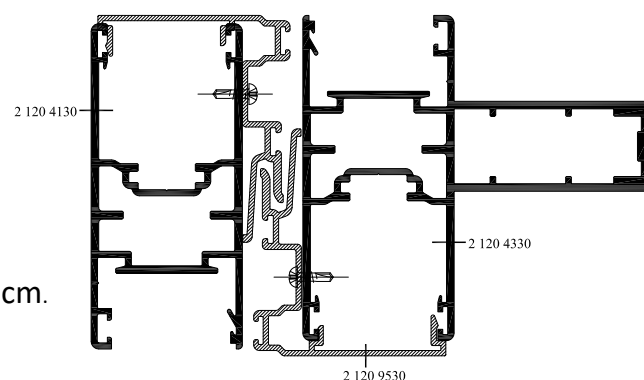
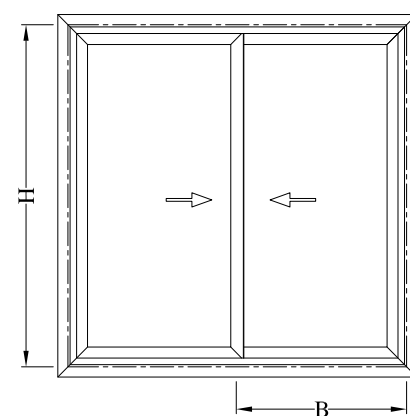
Zone 1
Zone 2
Zone 3
Zone 4
Zone 5



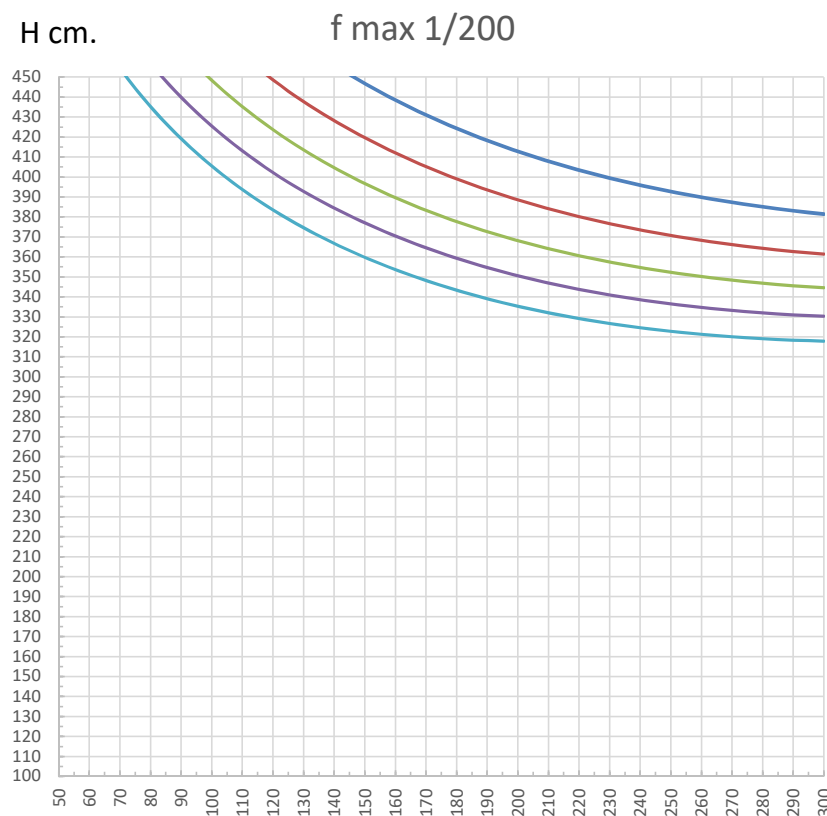
$I_x = 50.76 \text{ cm}^4$



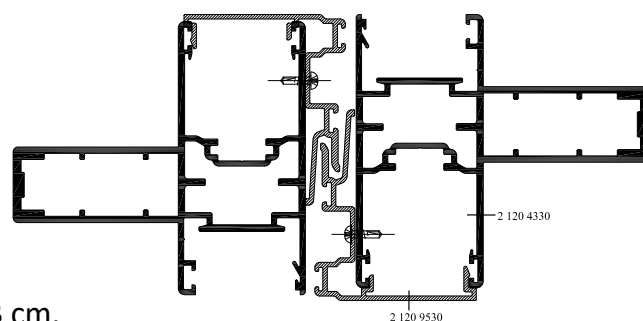
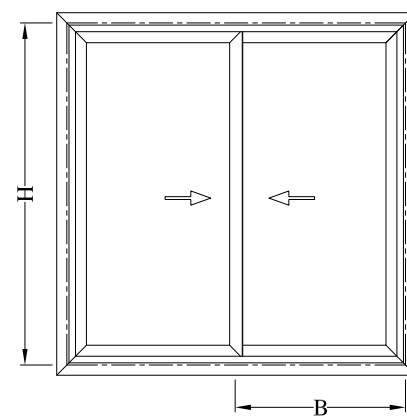
Zone 1
Zone 2
Zone 3
Zone 4
Zone 5



$I_x = 131.87 \text{ cm}^4$



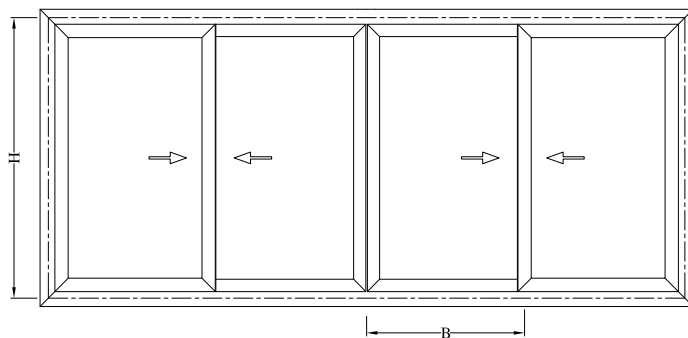
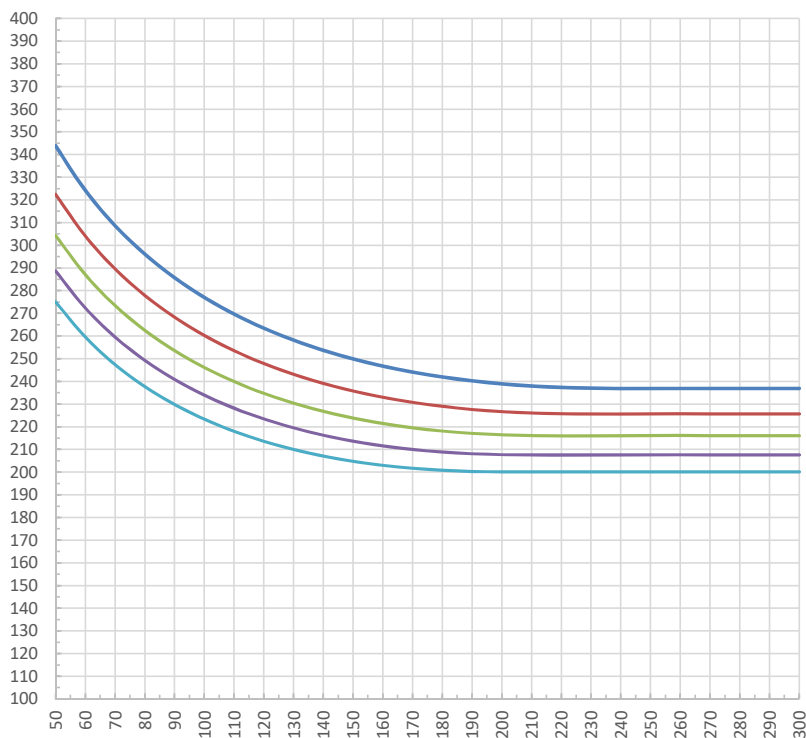
Zone 1
Zone 2
Zone 3
Zone 4
Zone 5



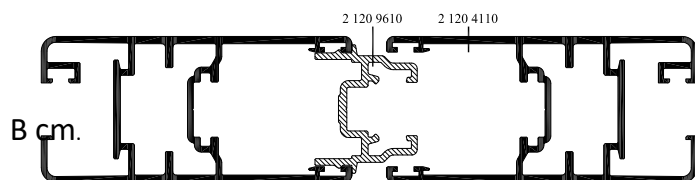
$I_x = 212.98 \text{ cm}^4$



H cm. f max 1/200

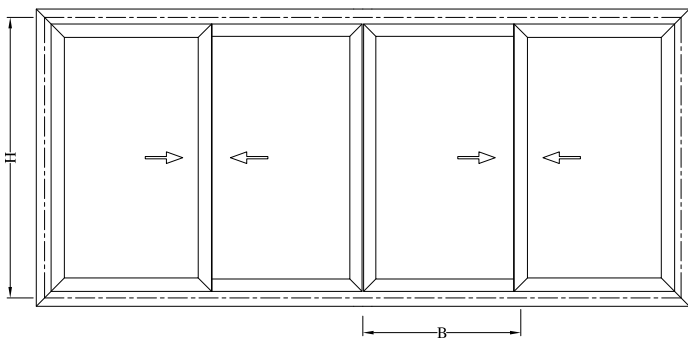
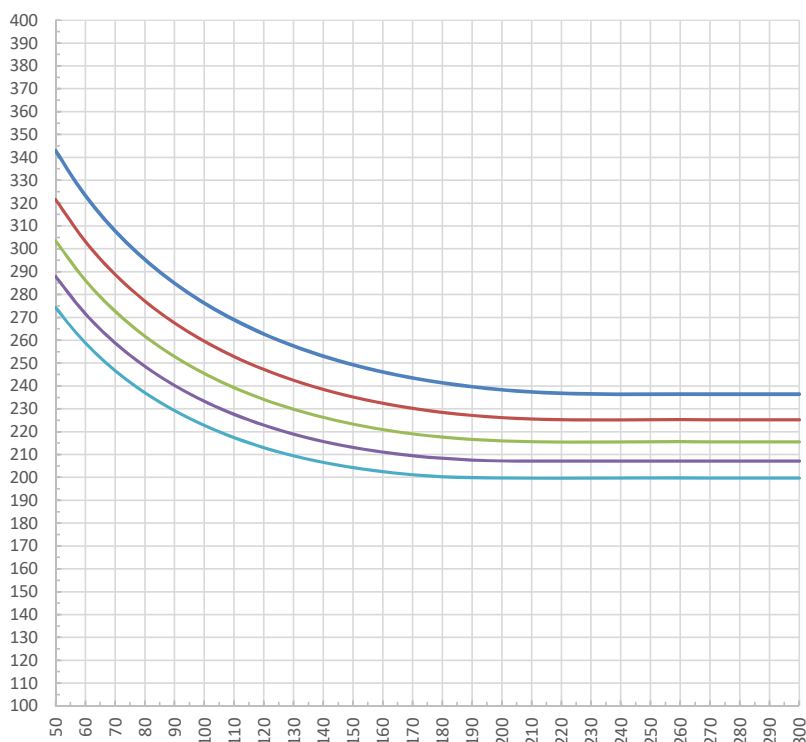


Zone 1
Zone 2
Zone 3
Zone 4
Zone 5

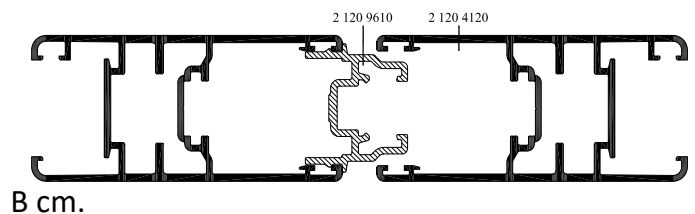


$I_x = 33.61 \text{ cm}^4$

H cm. f max 1/200



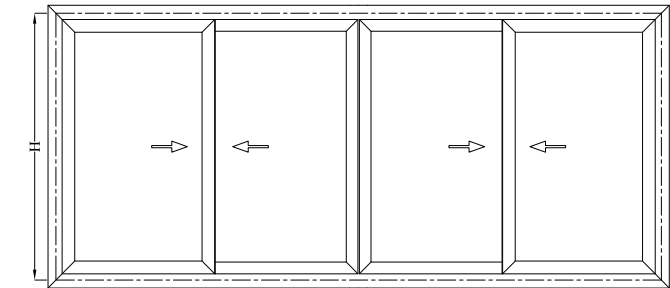
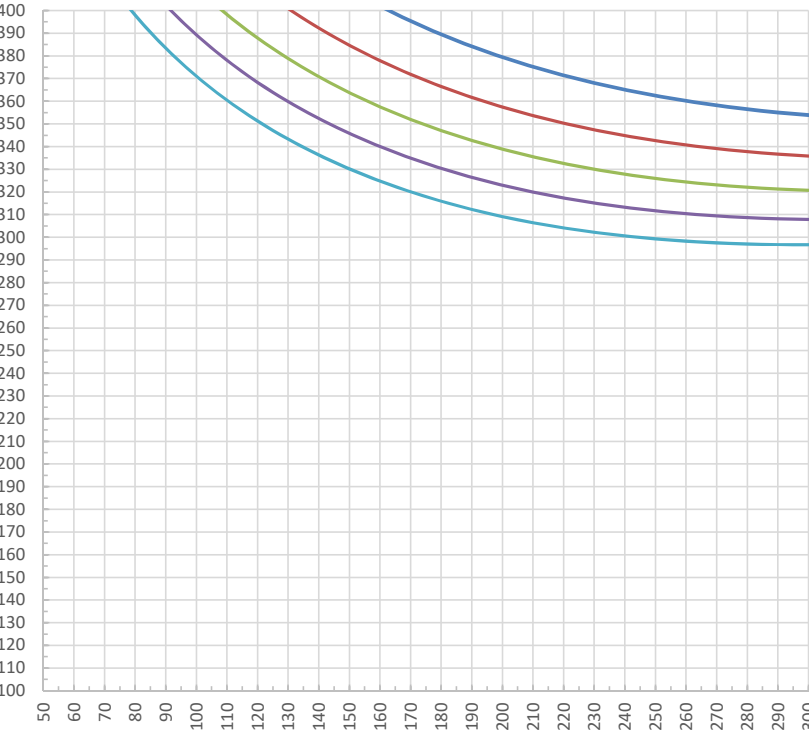
Zone 1
Zone 2
Zone 3
Zone 4
Zone 5



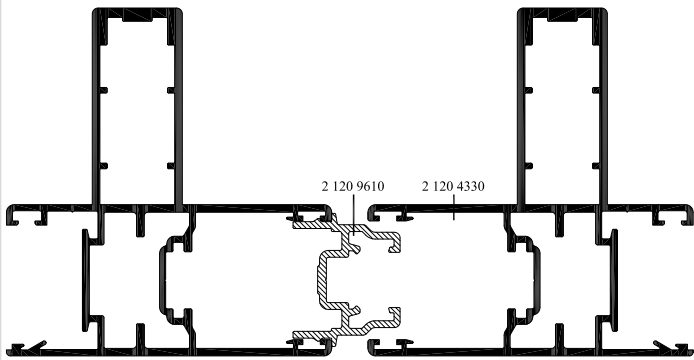
$I_x = 33.34 \text{ cm}^4$



H cm. f max 1/200



Zone 1
Zone 2
Zone 3
Zone 4
Zone 5

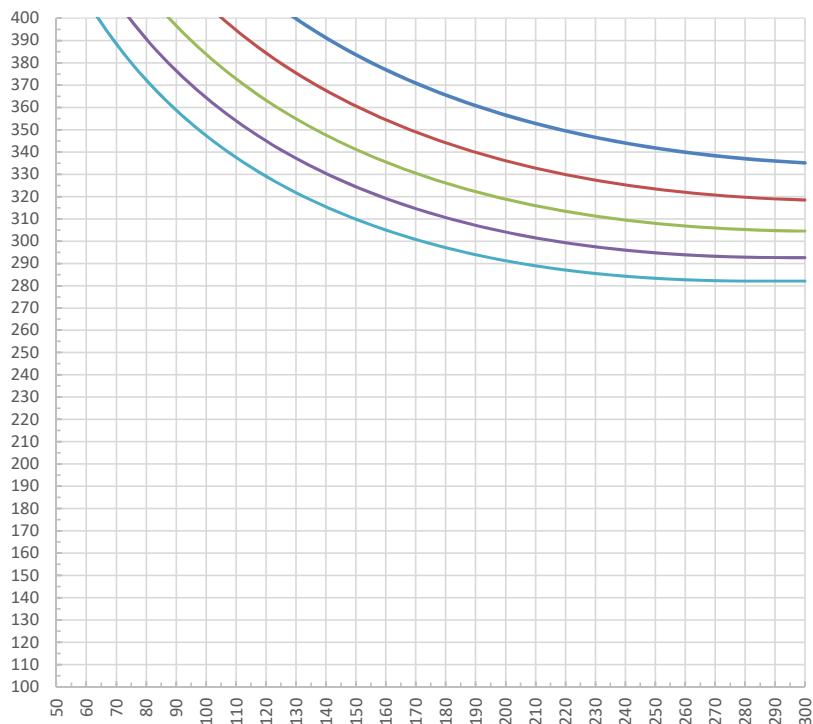


B cm.

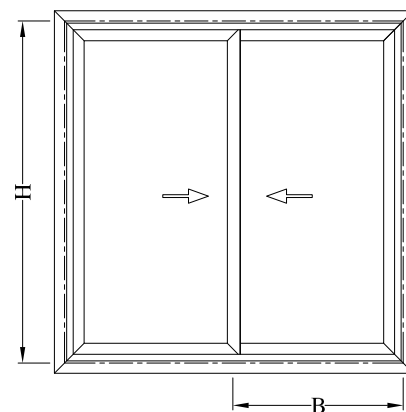
$I_x = 162.44 \text{ cm}^4$



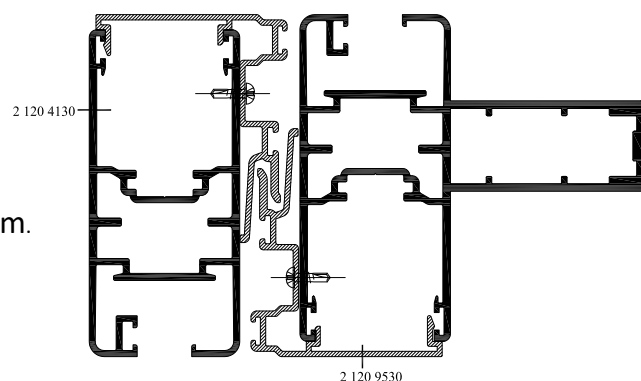
H cm. $f \max 1/200$



Zone 1
Zone 2
Zone 3
Zone 4
Zone 5

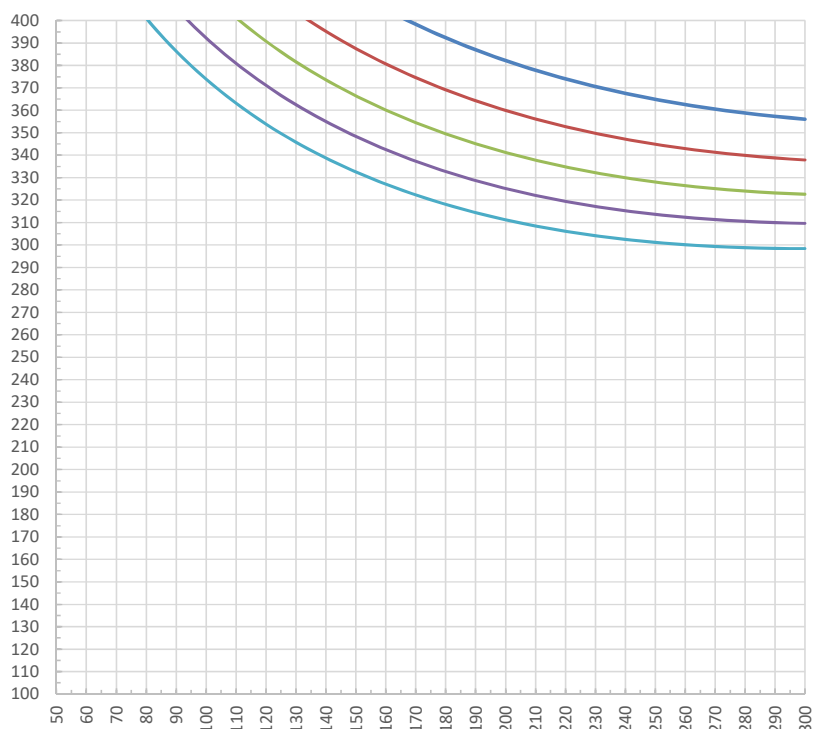


B cm.

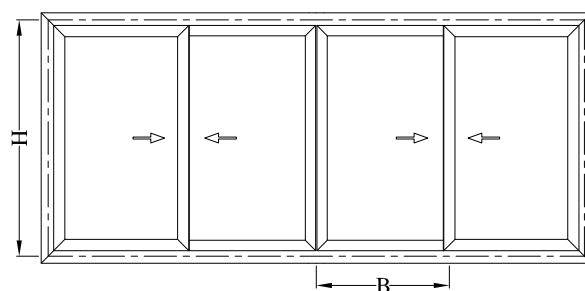


$I_x = 132.63 \text{ cm}^4$

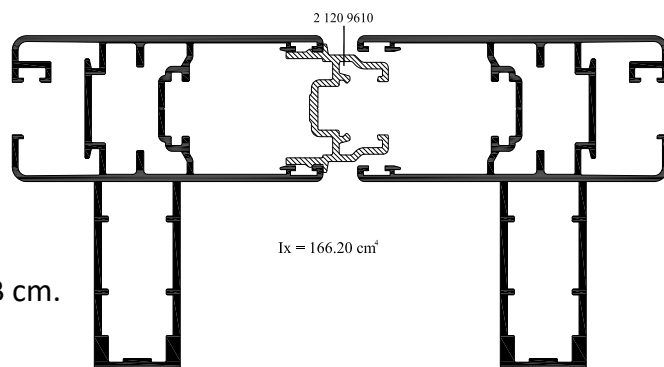
H cm. $f \max 1/200$



Zone 1
Zone 2
Zone 3
Zone 4
Zone 5

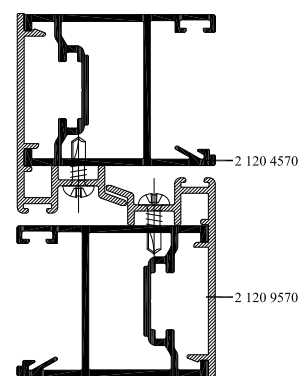
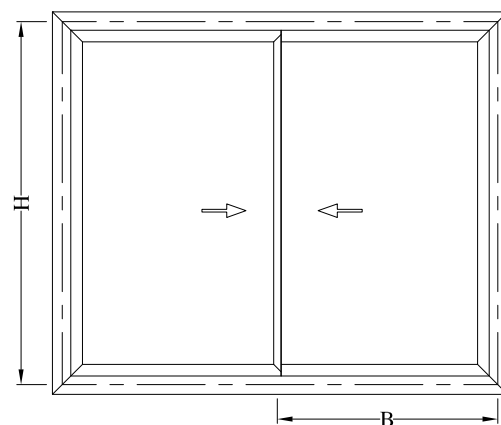
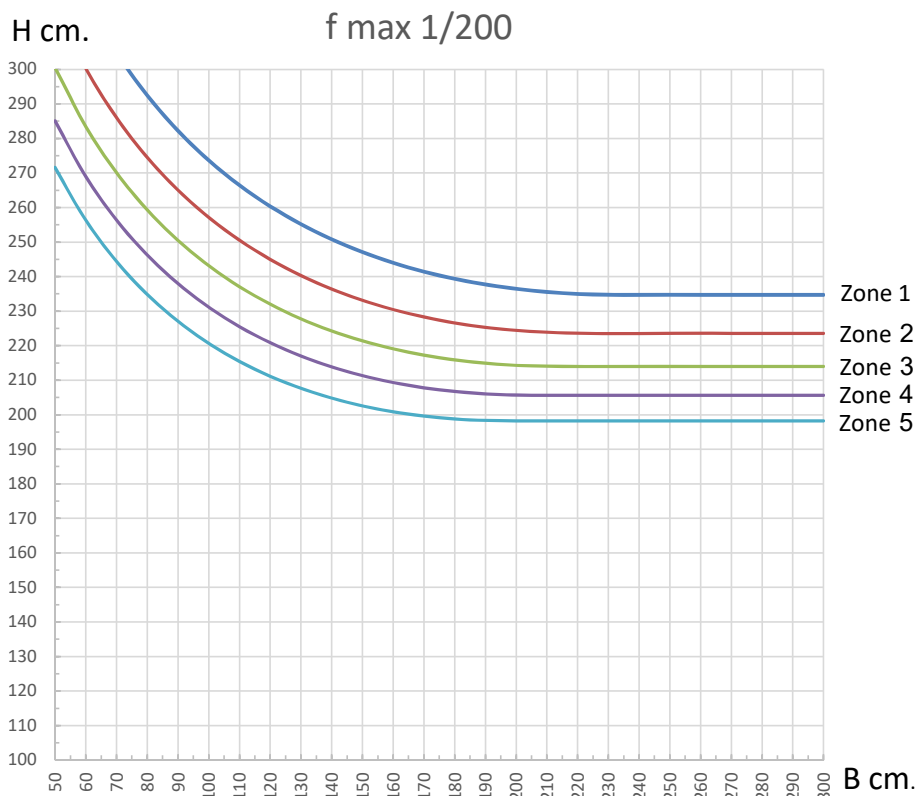


B cm.

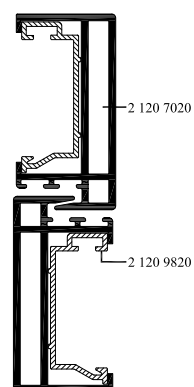
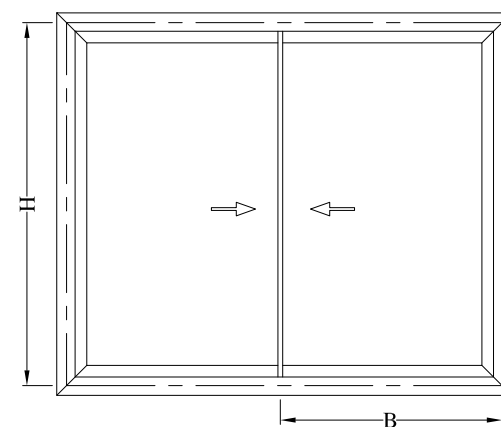
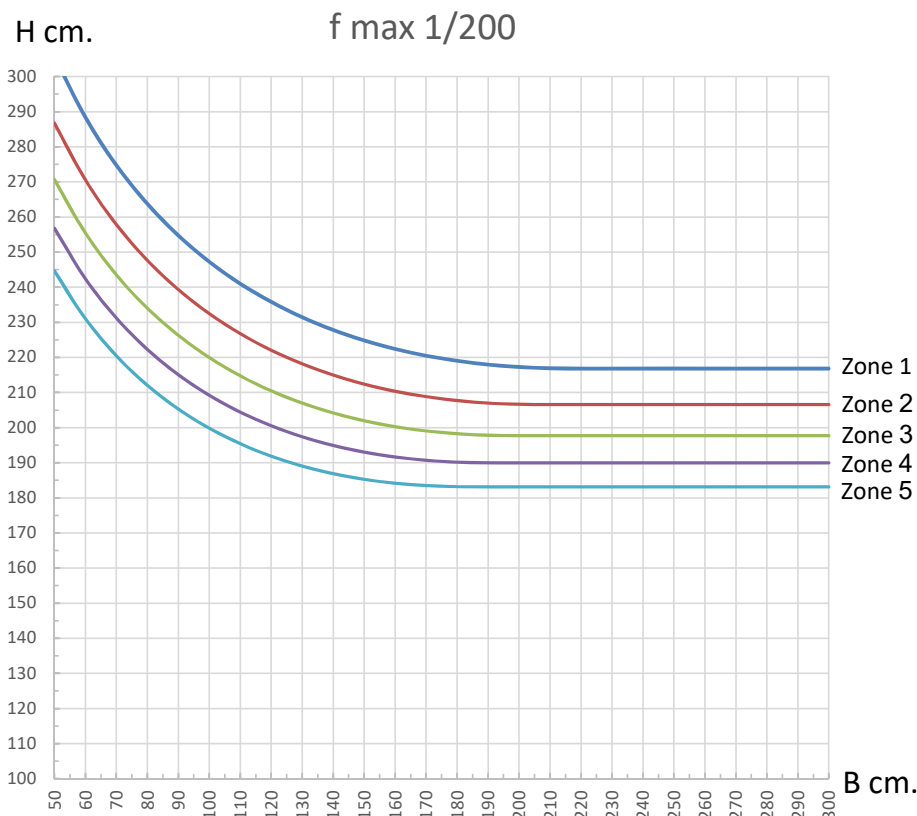


$I_x = 166.20 \text{ cm}^4$

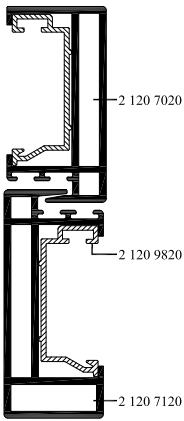
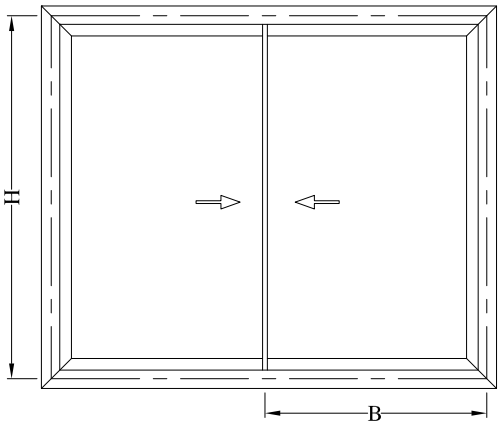
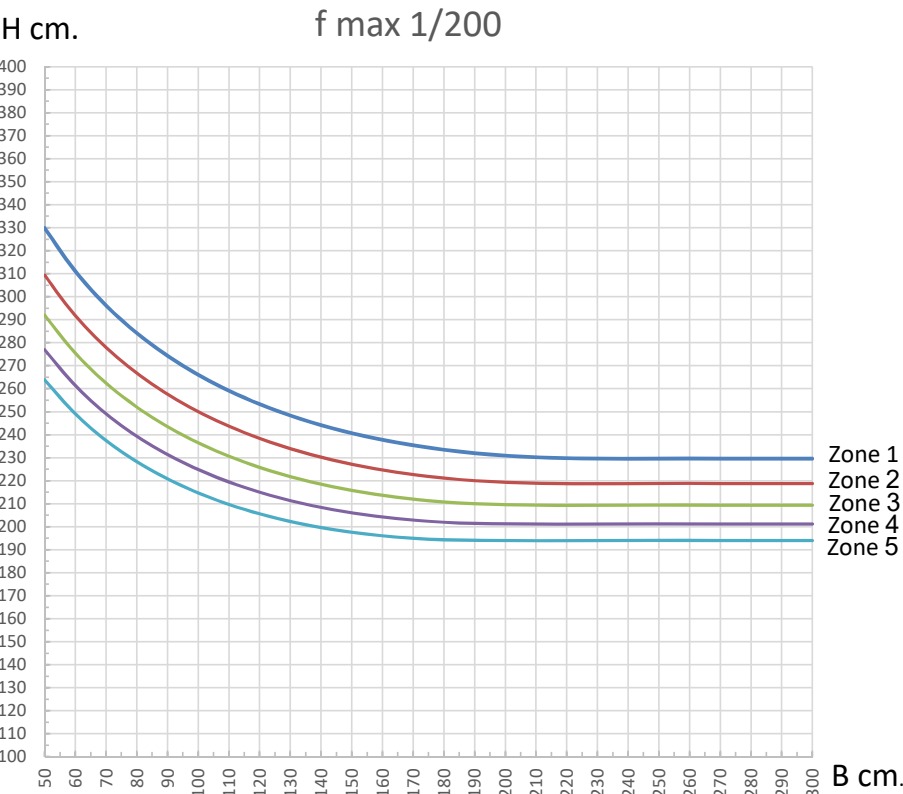
TENDU SLIM



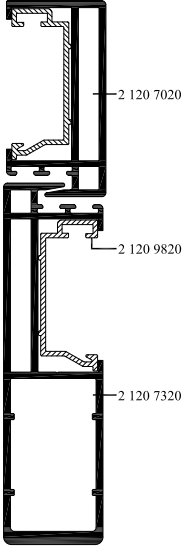
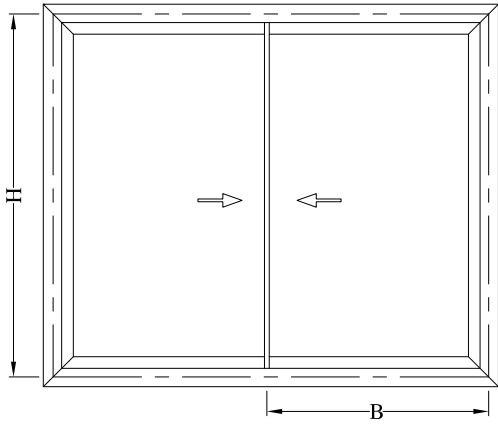
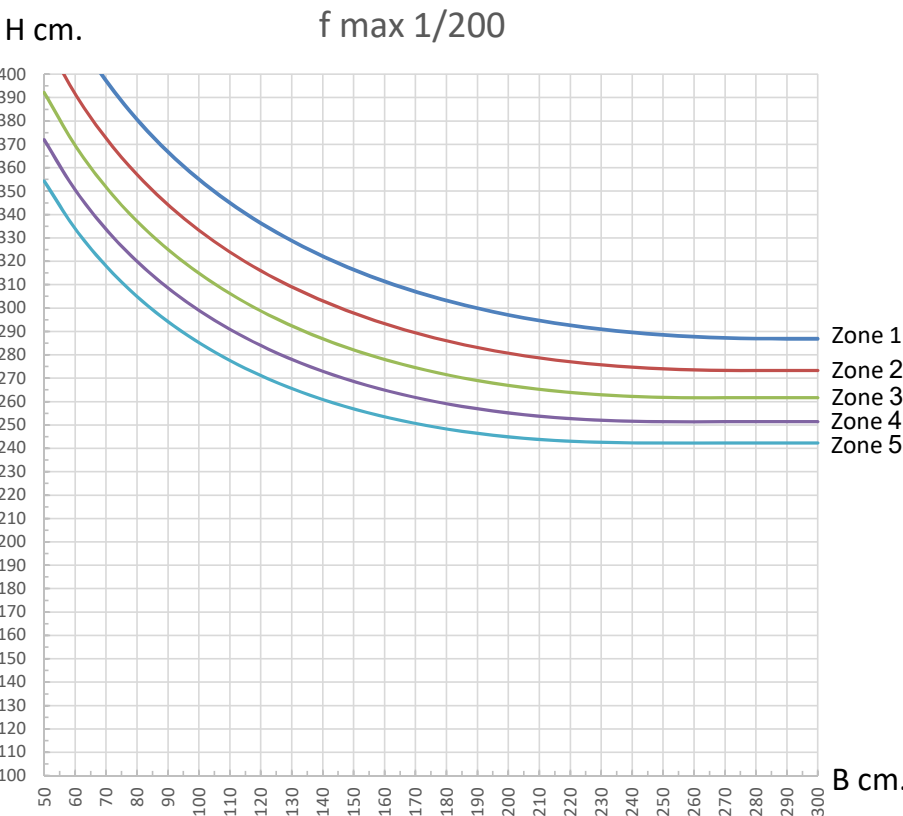
$I_x = 32.36 \text{ cm}^4$



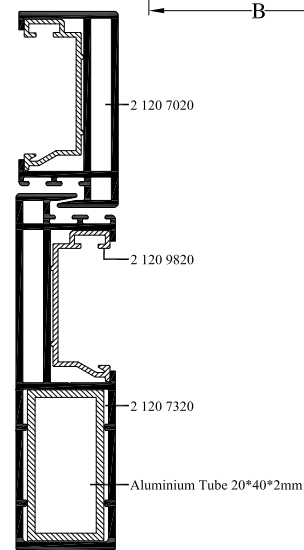
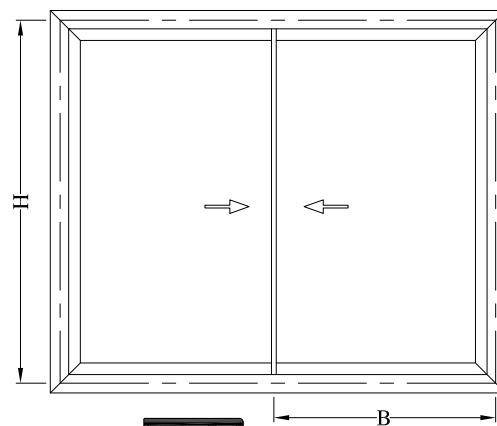
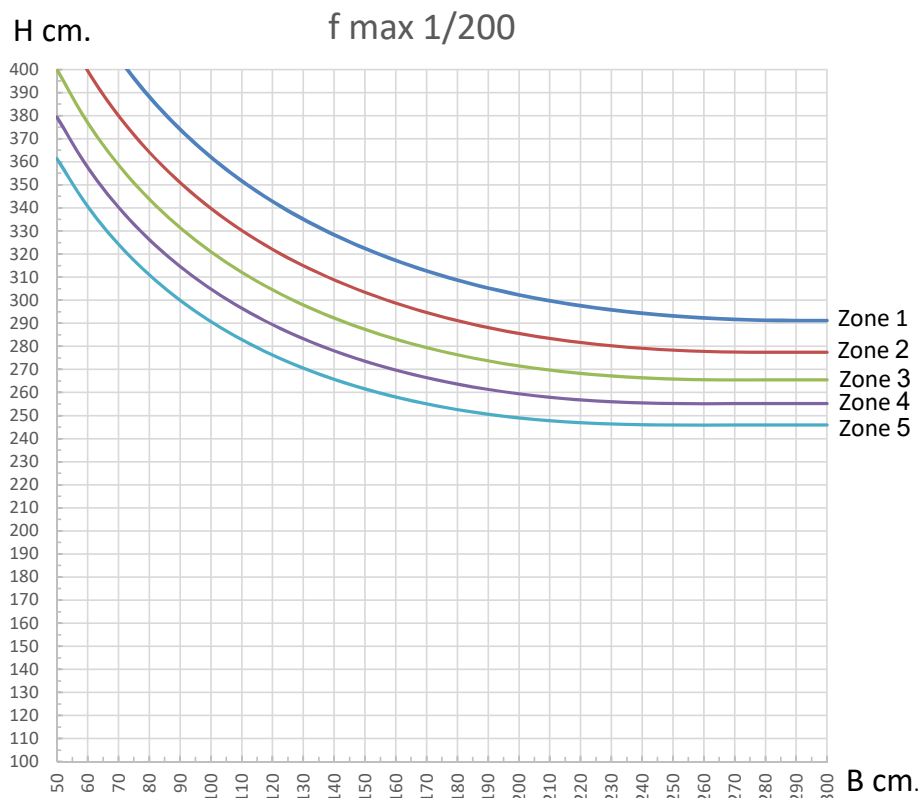
$I_x = 23.57 \text{ cm}^4$



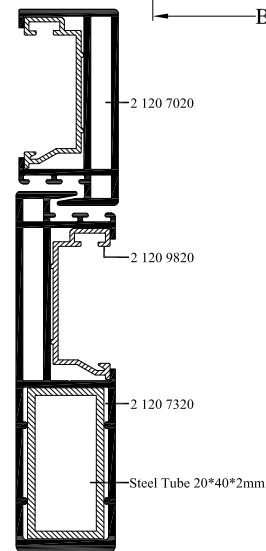
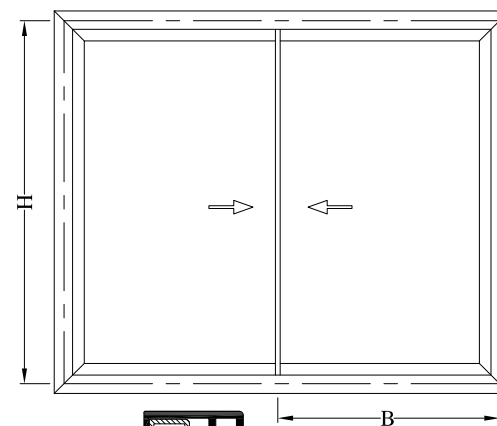
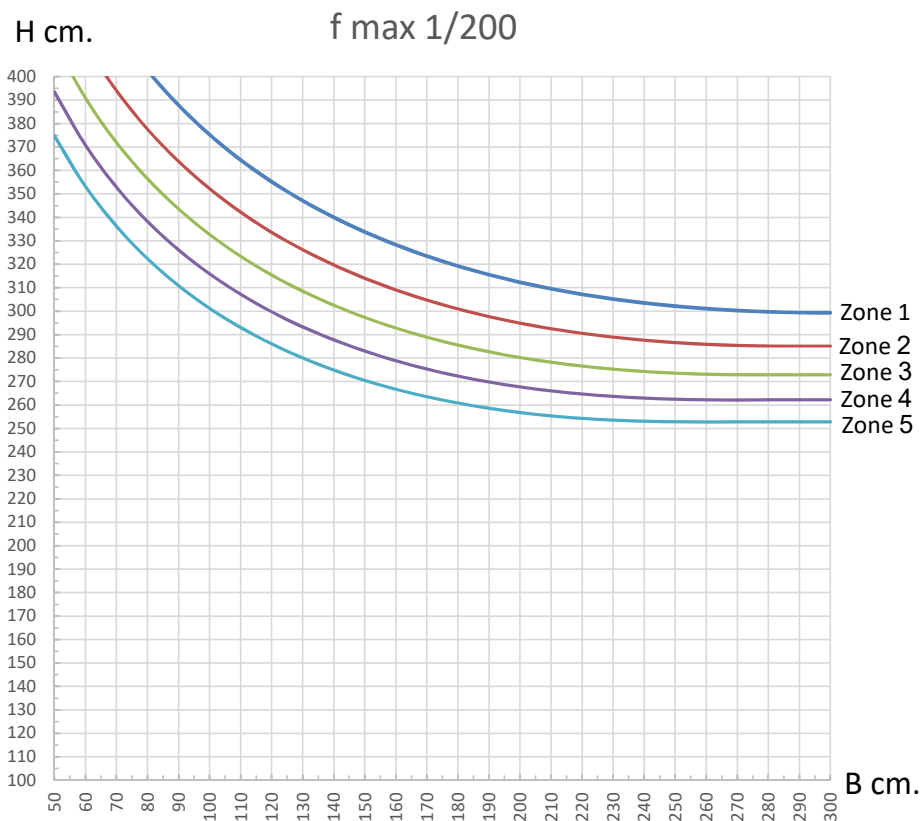
$I_x = 29.64 \text{ cm}^4$



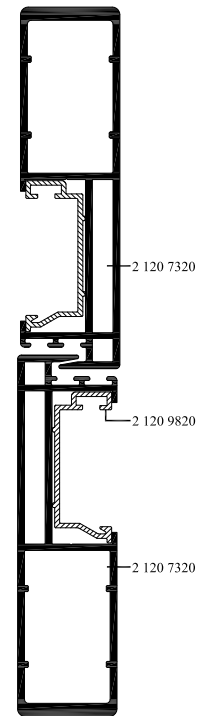
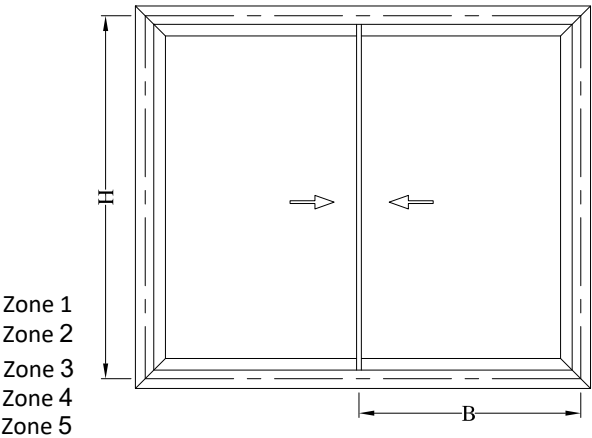
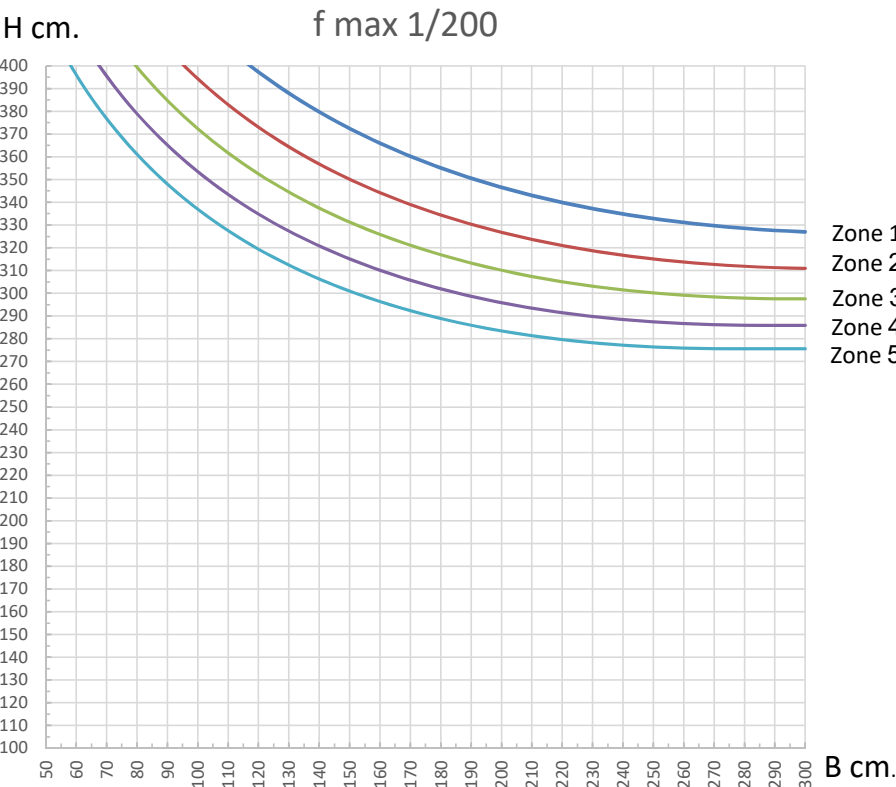
$I_x = 72.23 \text{ cm}^4$



$I_x = 76.68 \text{ cm}^4$



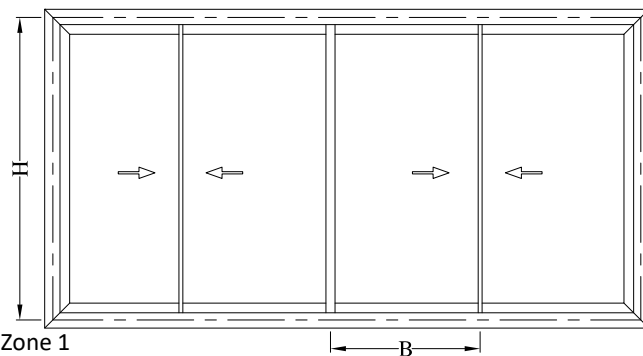
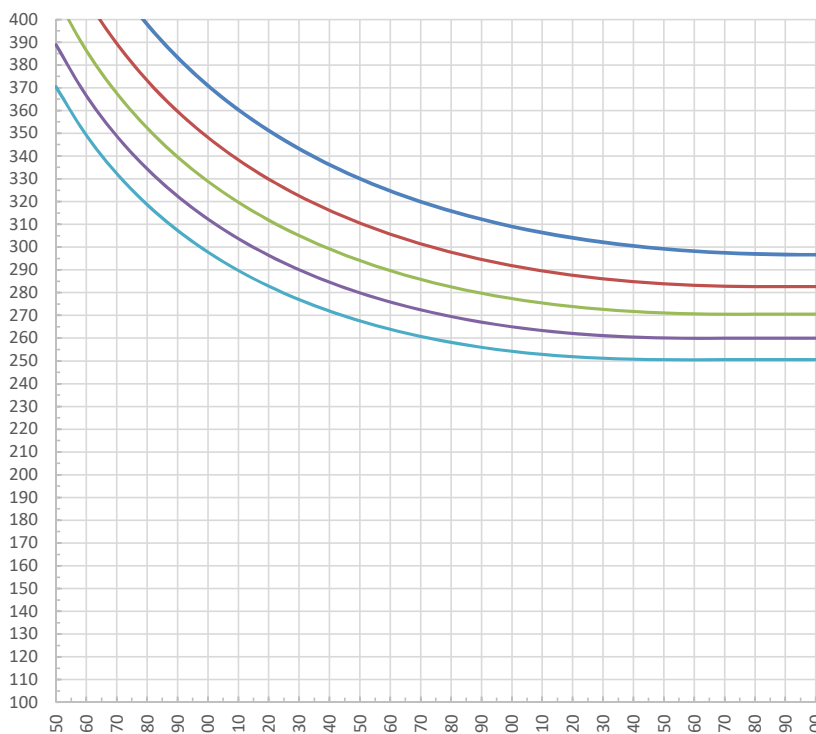
$I_x = 85.57 \text{ cm}^4$



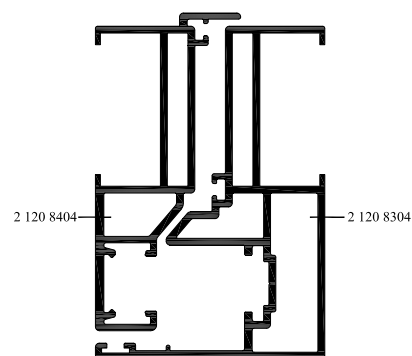
$I_x = 120.89 \text{ cm}^4$



H cm. $f \max 1/200$

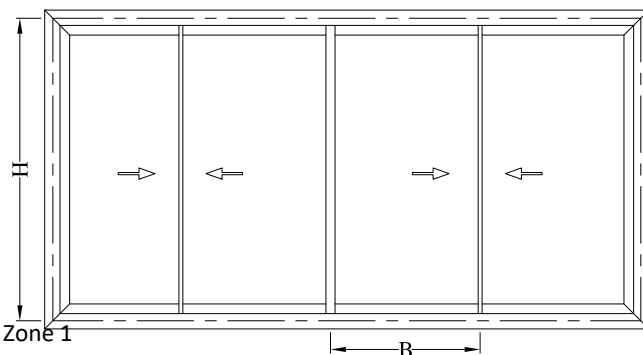
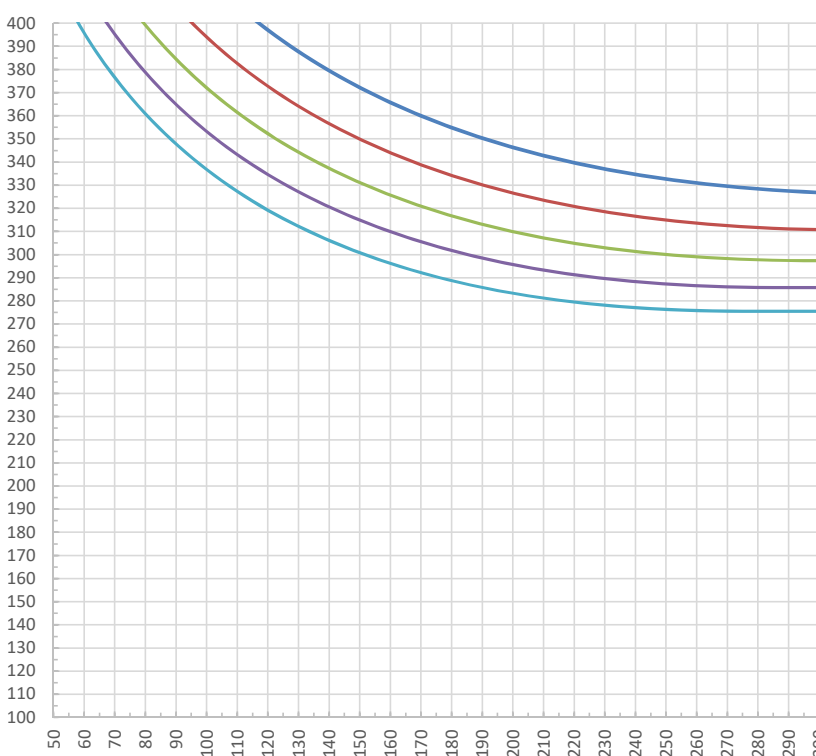


Zone 1
Zone 2
Zone 3
Zone 4
Zone 5

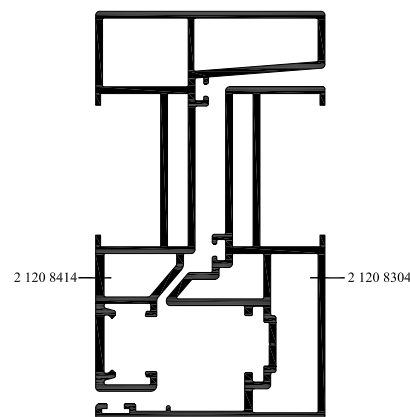


$$I_x = 82.61 \text{ cm}^4$$

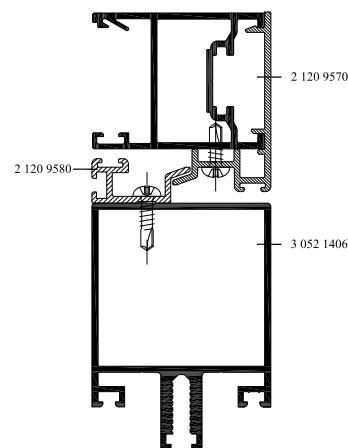
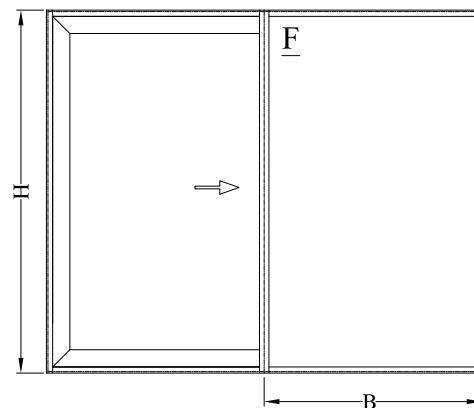
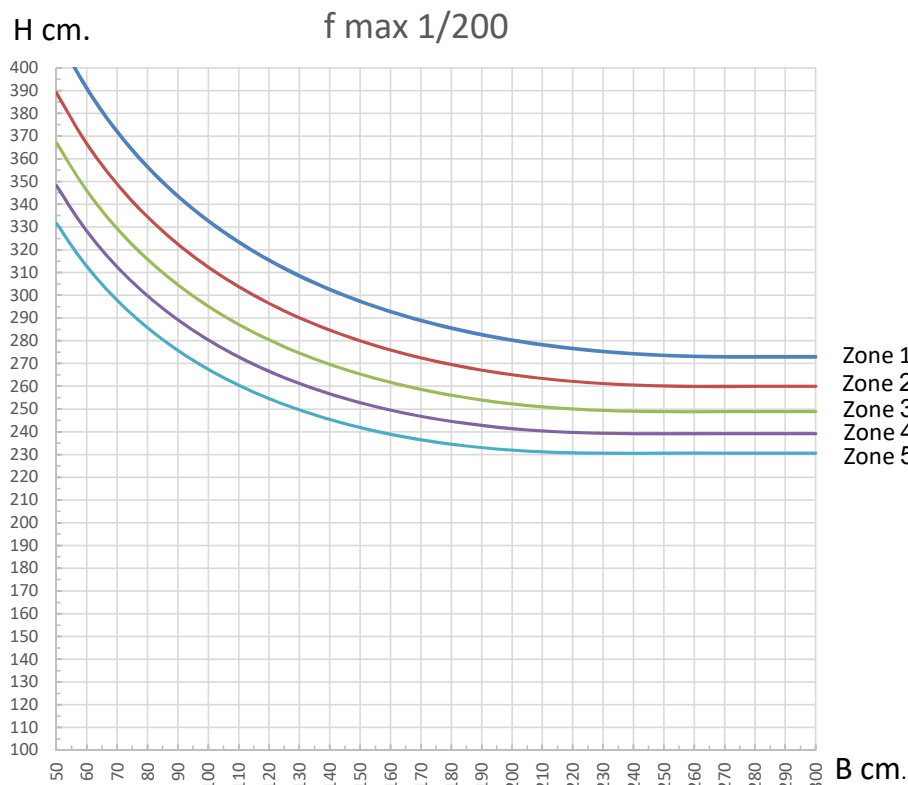
H cm. $f \max 1/200$



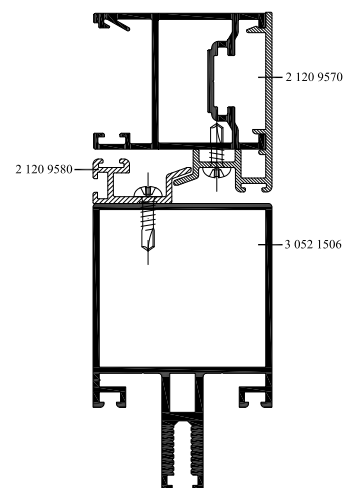
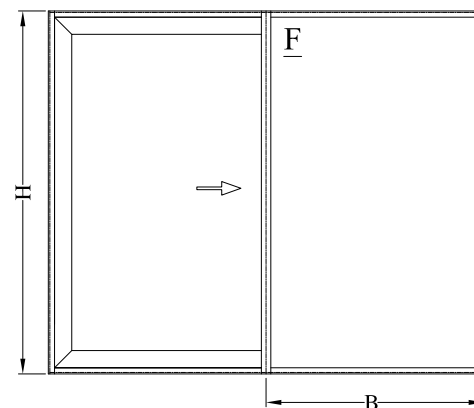
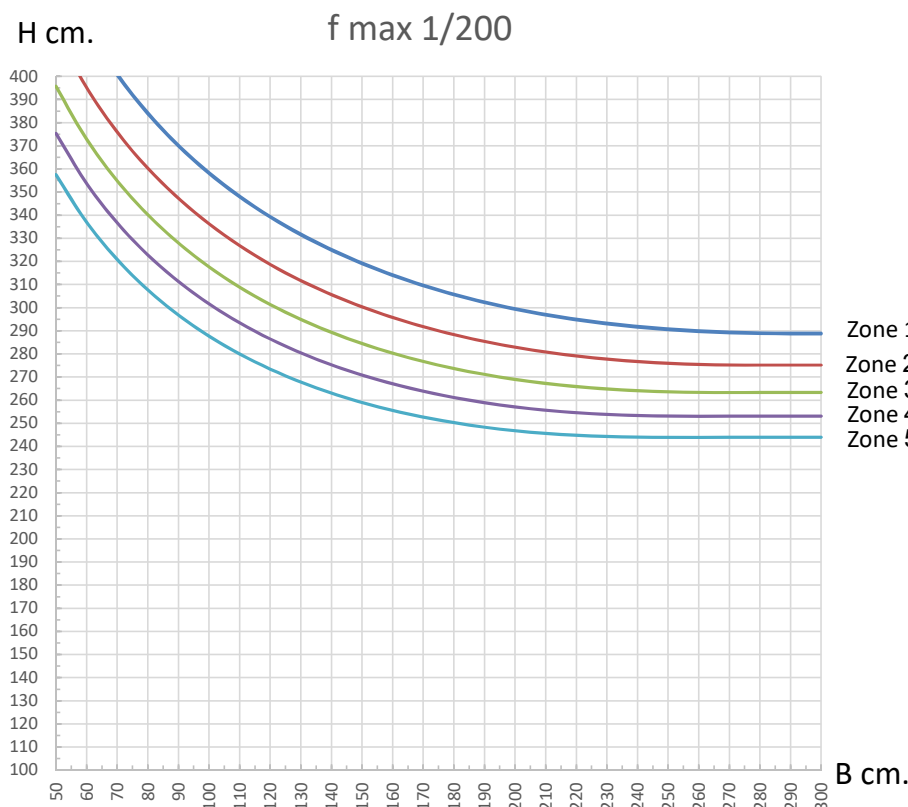
Zone 1
Zone 2
Zone 3
Zone 4
Zone 5



$$I_x = 120.64 \text{ cm}^4$$



$I_x = 59.18 \text{ cm}^4$

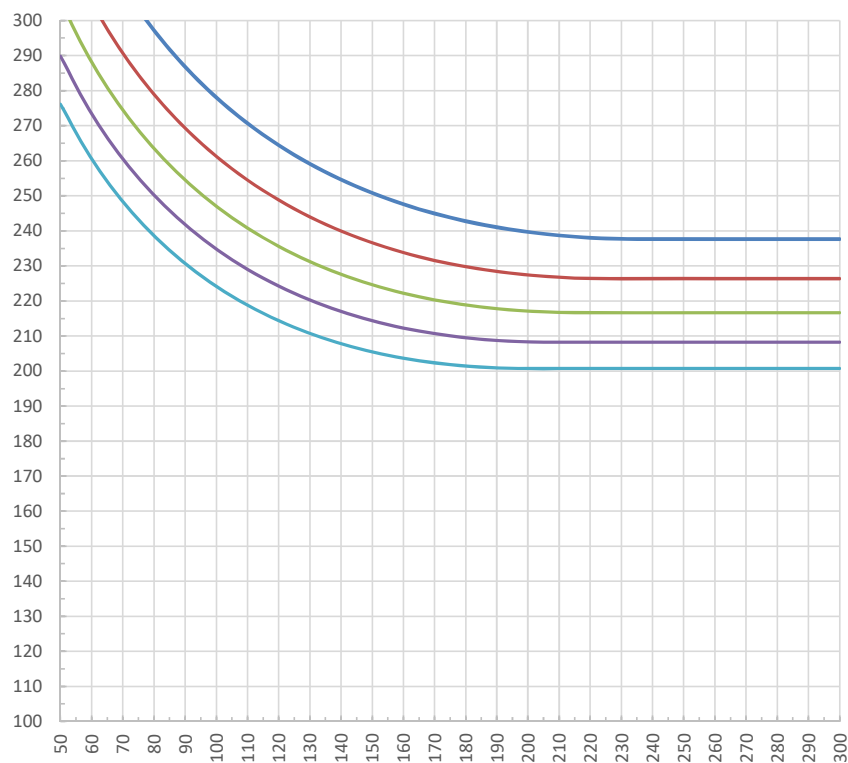


$I_x = 74.21 \text{ cm}^4$

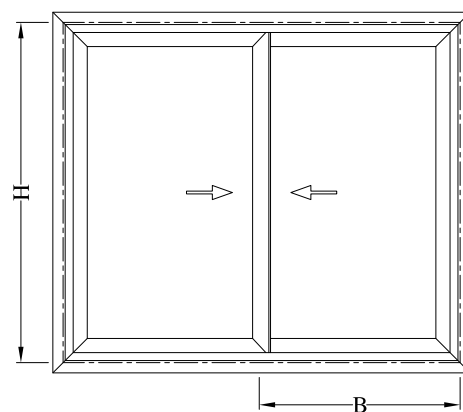
JUMBO 100



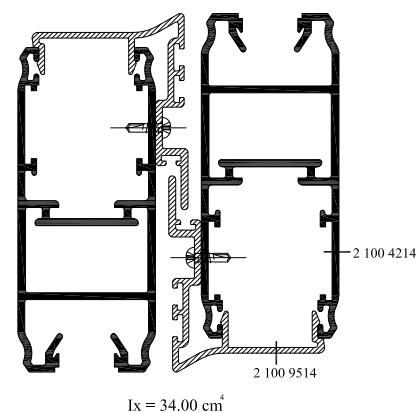
H cm. $f \max 1/200$



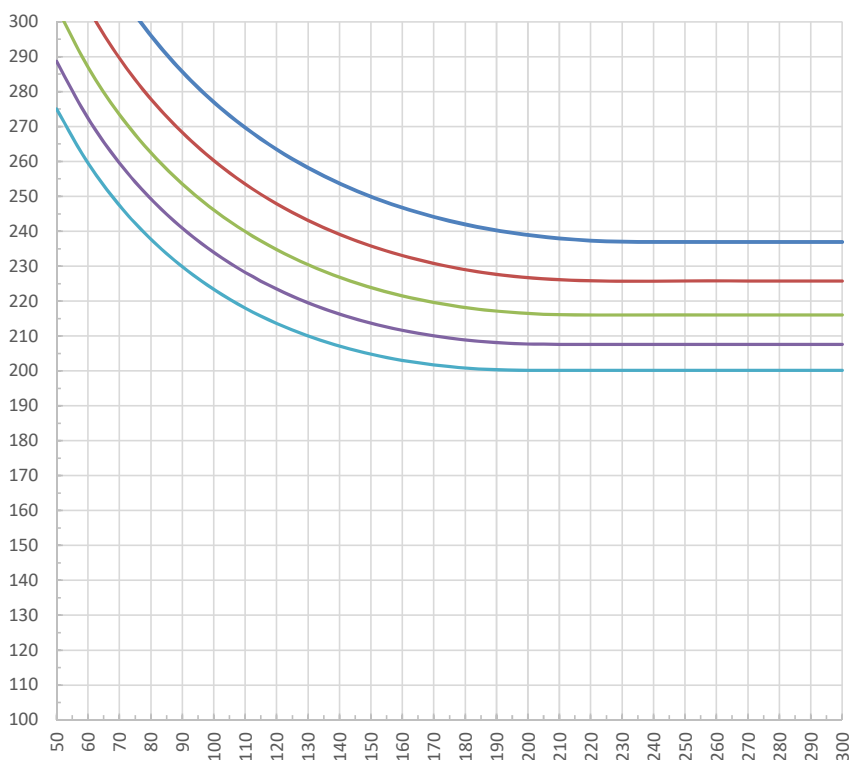
Zone 1
Zone 2
Zone 3
Zone 4
Zone 5



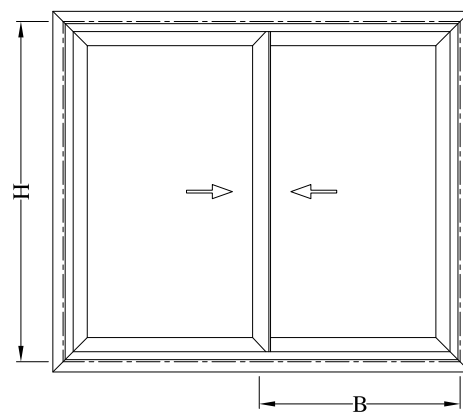
B cm.



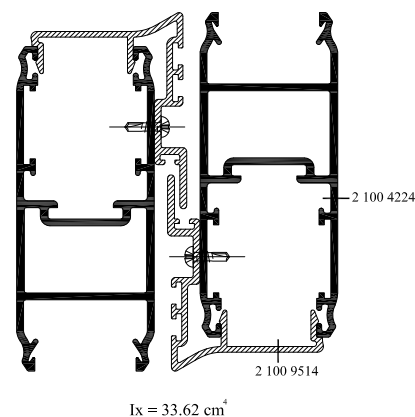
H cm. $f \max 1/200$



Zone 1
Zone 2
Zone 3
Zone 4
Zone 5

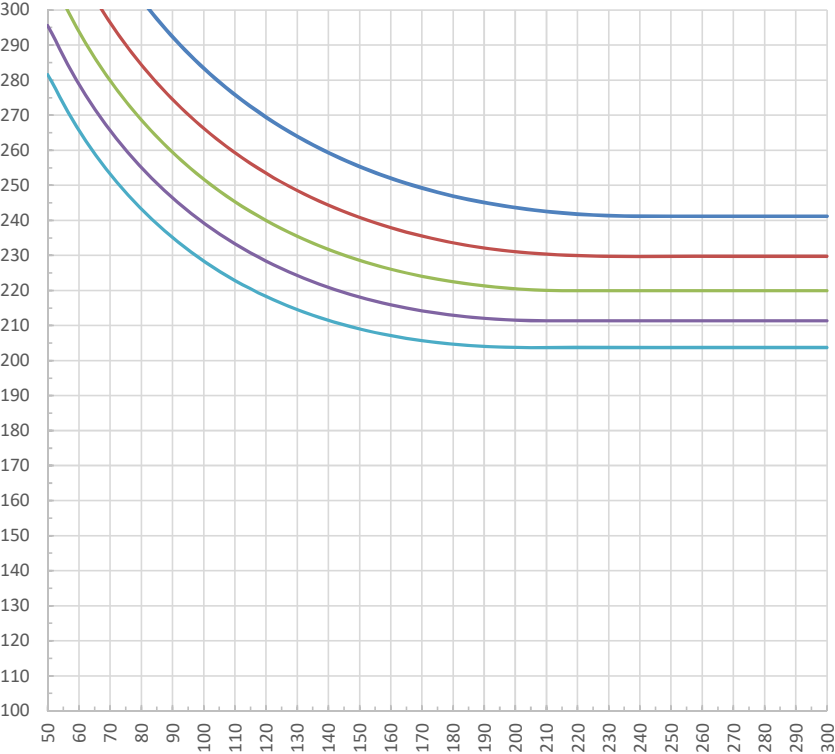


B cm

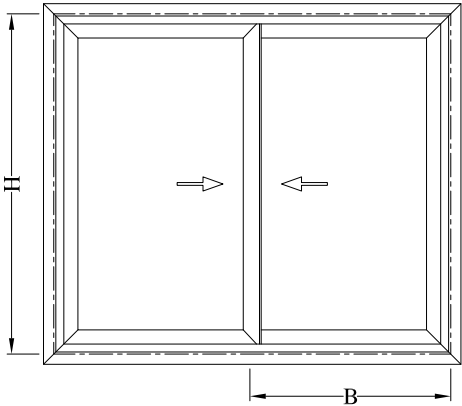




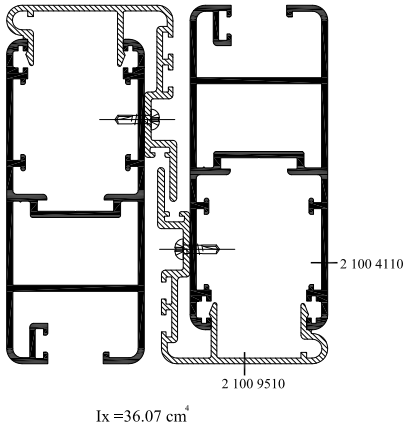
H cm. f max 1/200



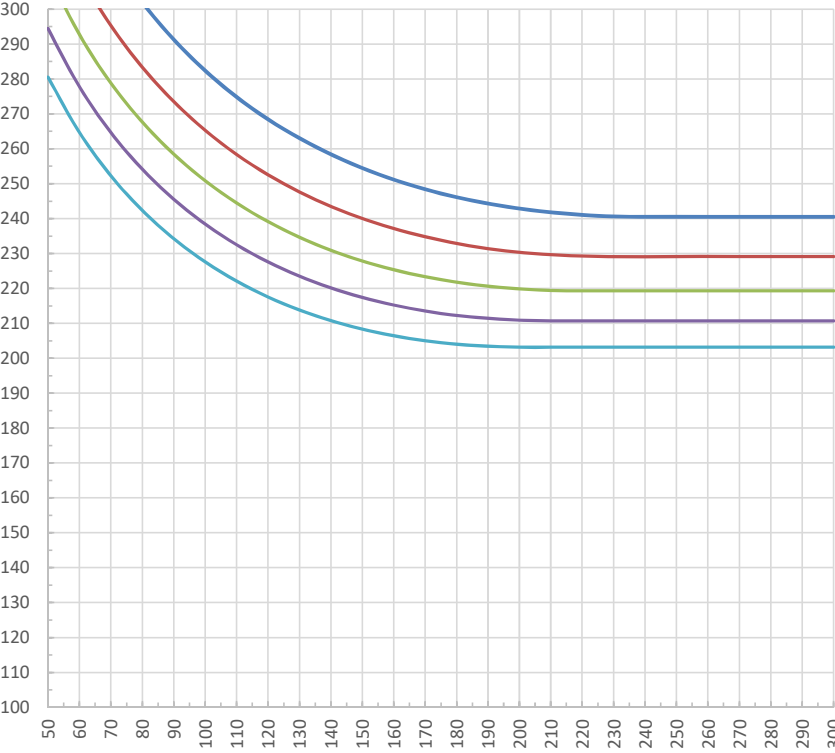
Zone 1
Zone 2
Zone 3
Zone 4
Zone 5



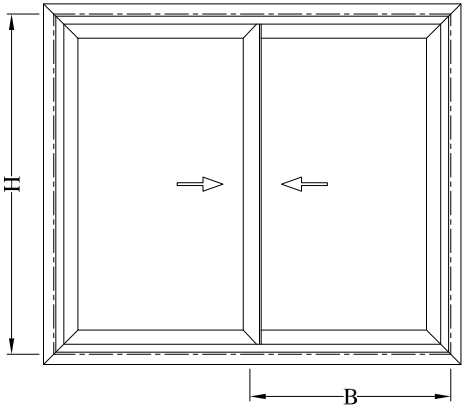
B cm.



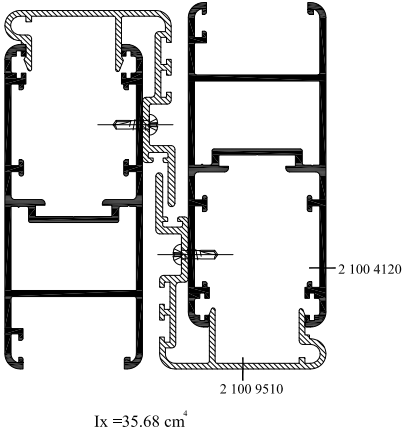
H cm. f max 1/200



Zone 1
Zone 2
Zone 3
Zone 4
Zone 5

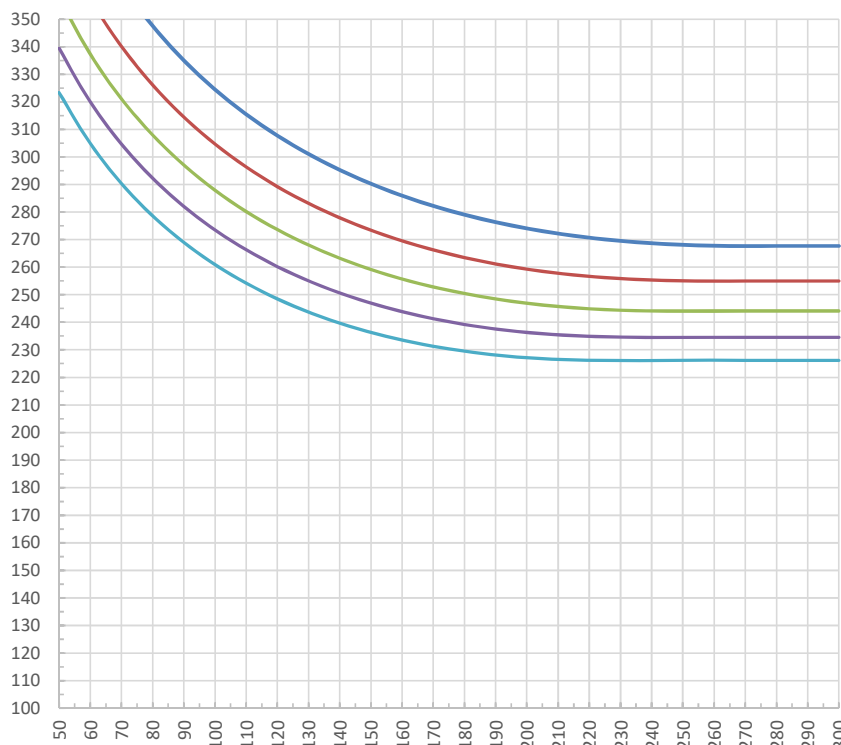


B cm.

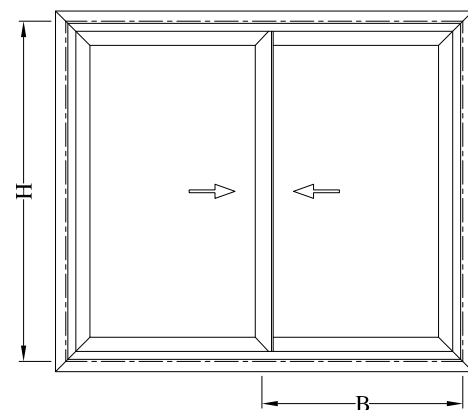




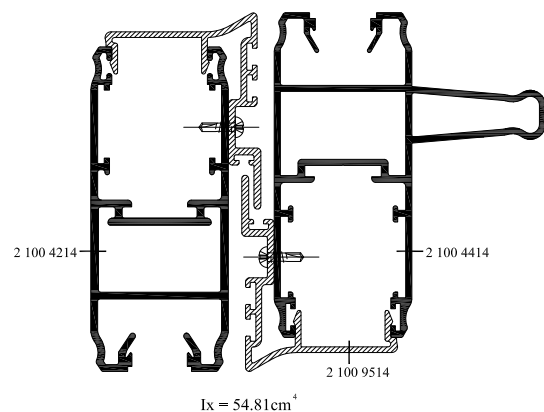
H cm. $f \max 1/200$



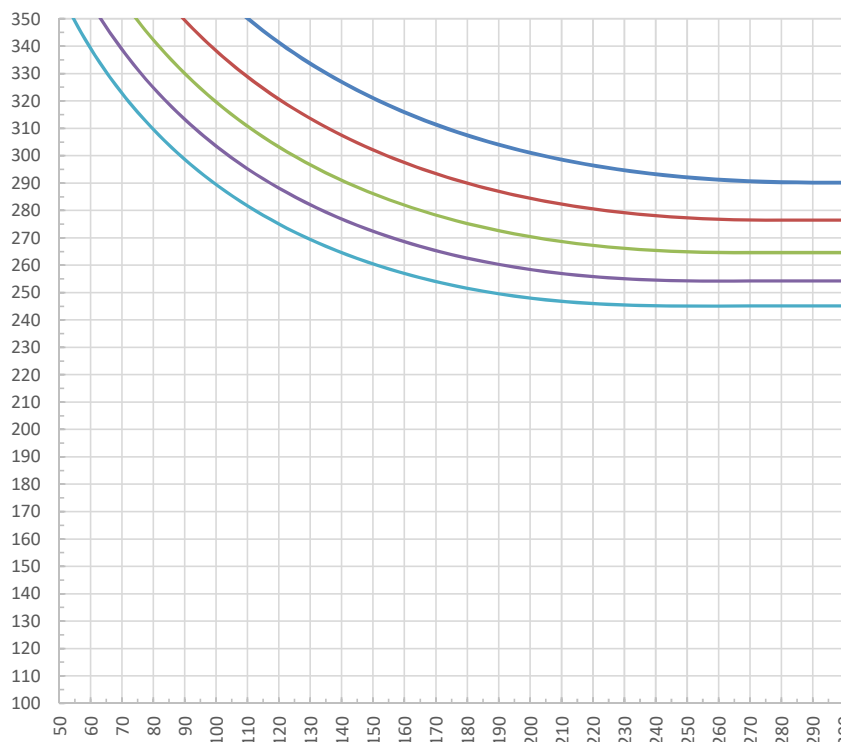
Zone 1
Zone 2
Zone 3
Zone 4
Zone 5



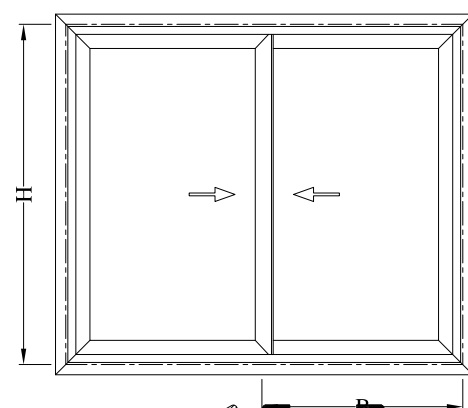
B cm.



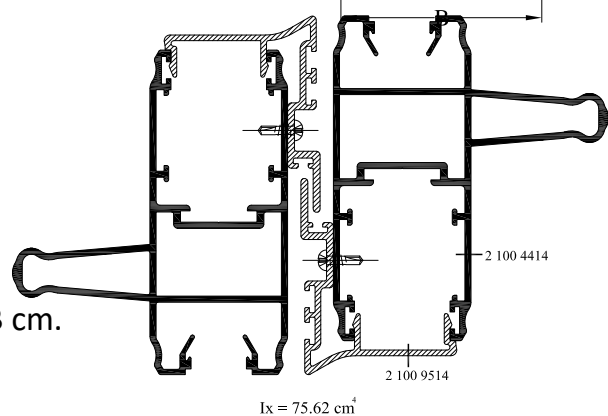
H cm. $f \max 1/200$



Zone 1
Zone 2
Zone 3
Zone 4
Zone 5

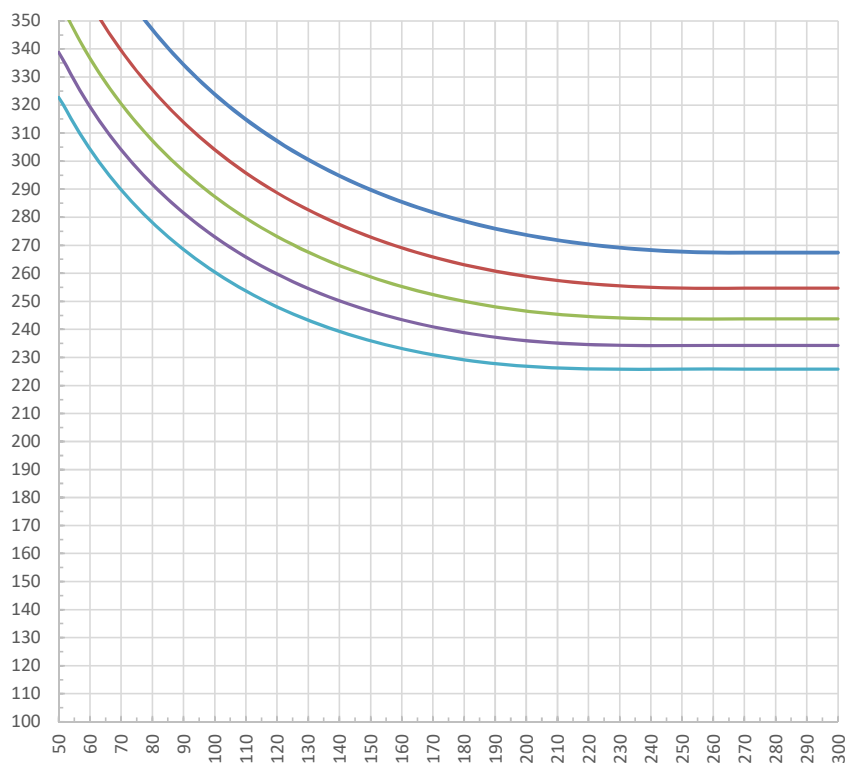


B cm.

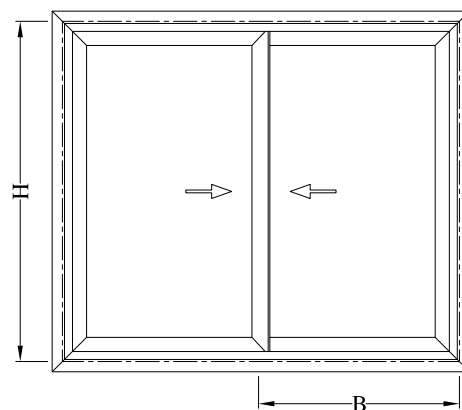




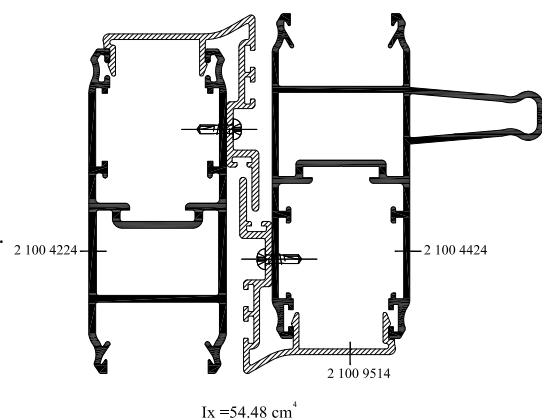
H cm. f max 1/200



Zone 1
Zone 2
Zone 3
Zone 4
Zone 5

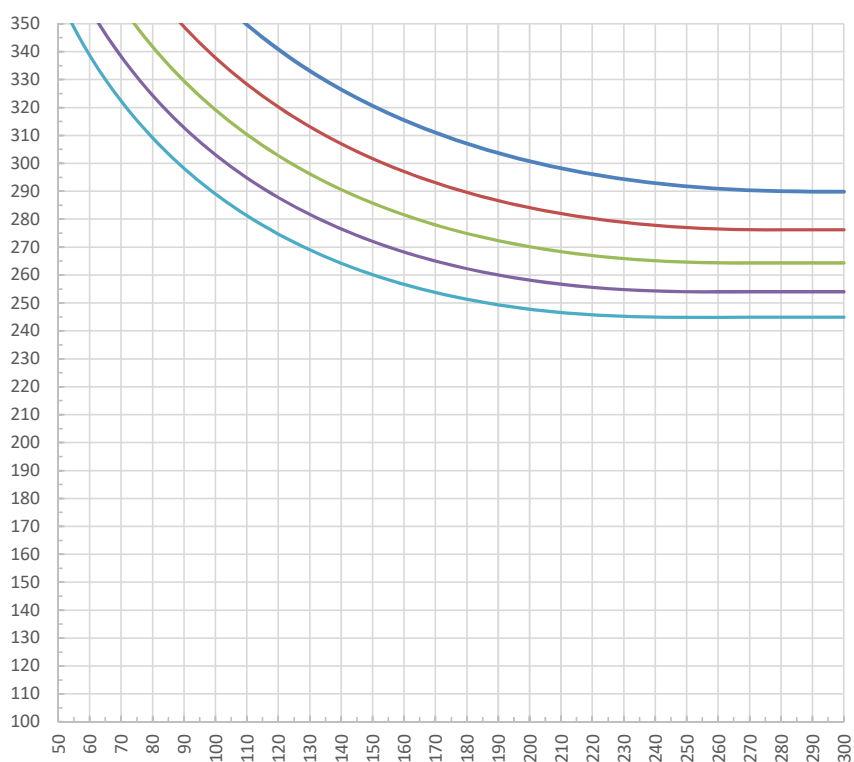


B cm.

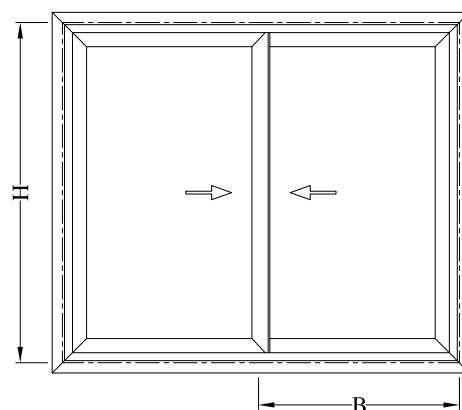


$I_x = 54.48 \text{ cm}^4$

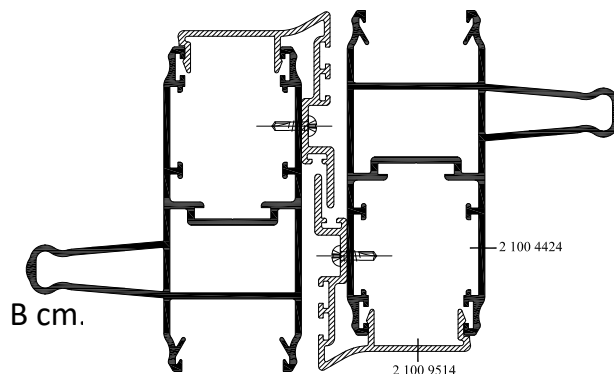
H cm. f max 1/200



Zone 1
Zone 2
Zone 3
Zone 4
Zone 5



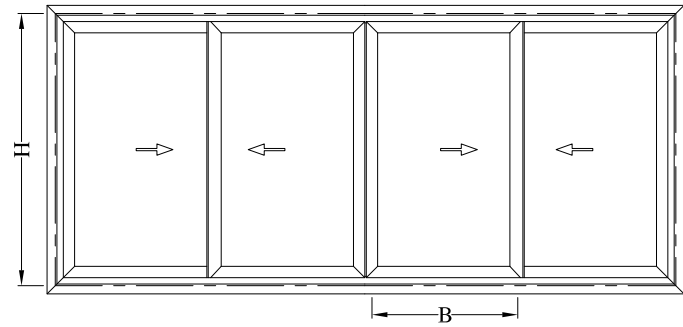
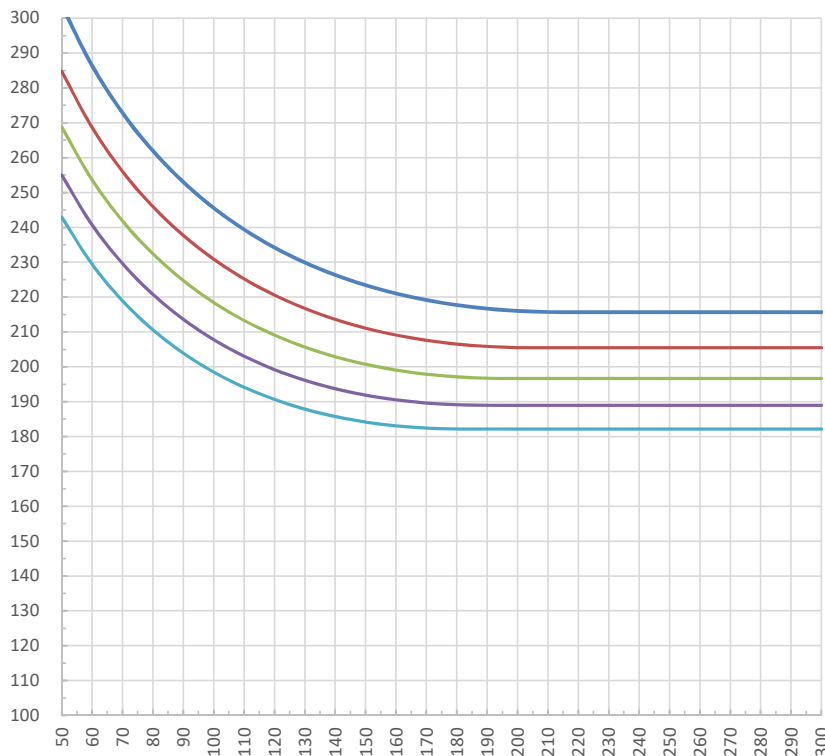
B cm.



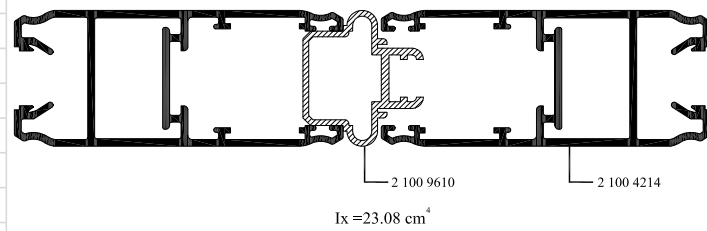
$I_x = 75.34 \text{ cm}^4$



H cm. $f \max 1/200$

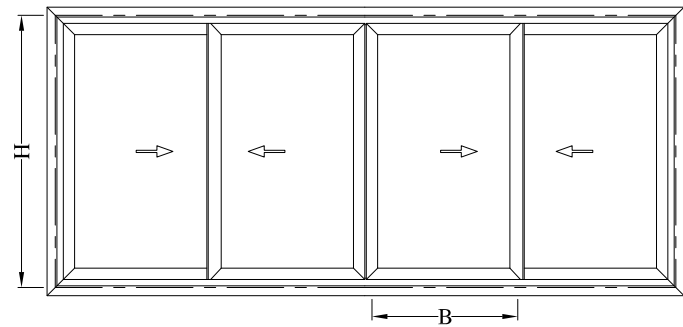
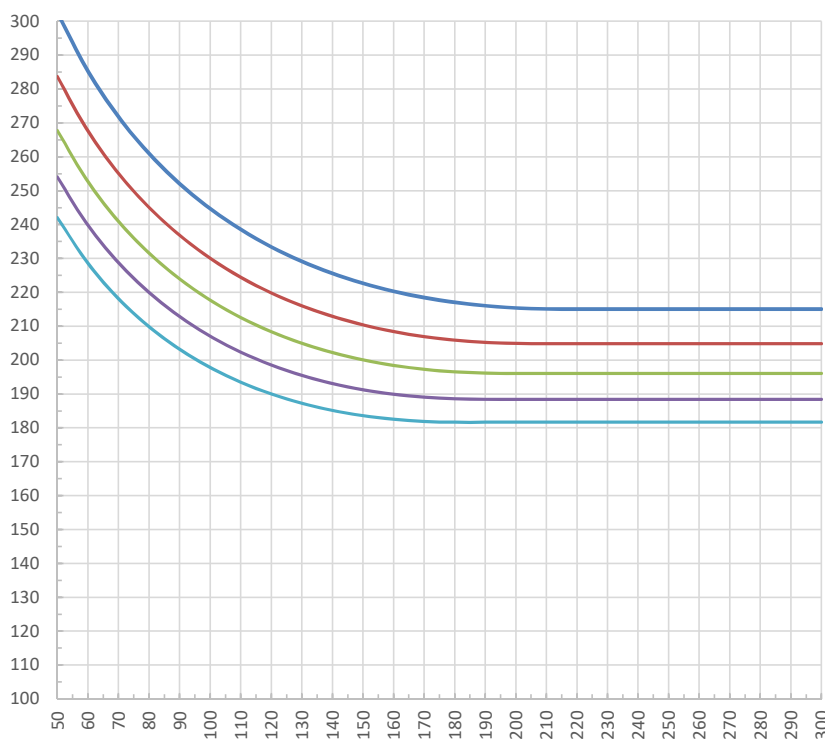


Zone 1
Zone 2
Zone 3
Zone 4
Zone 5

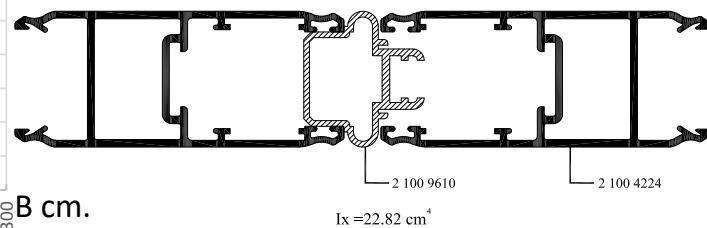


B cm.

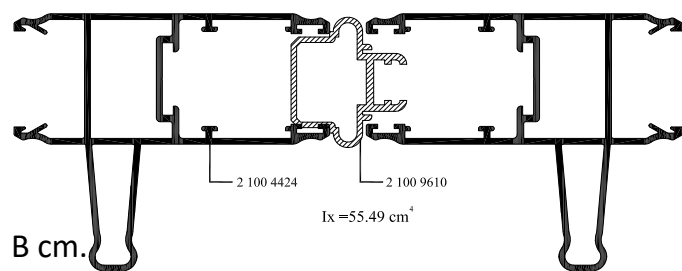
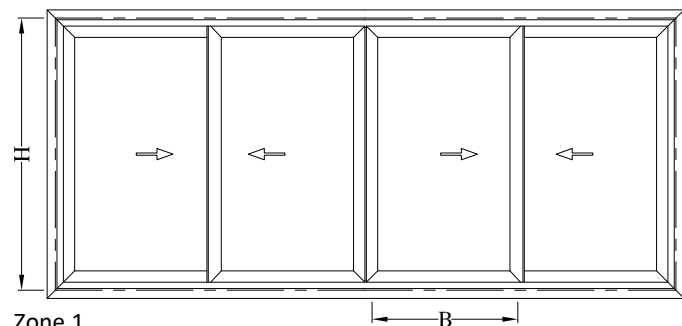
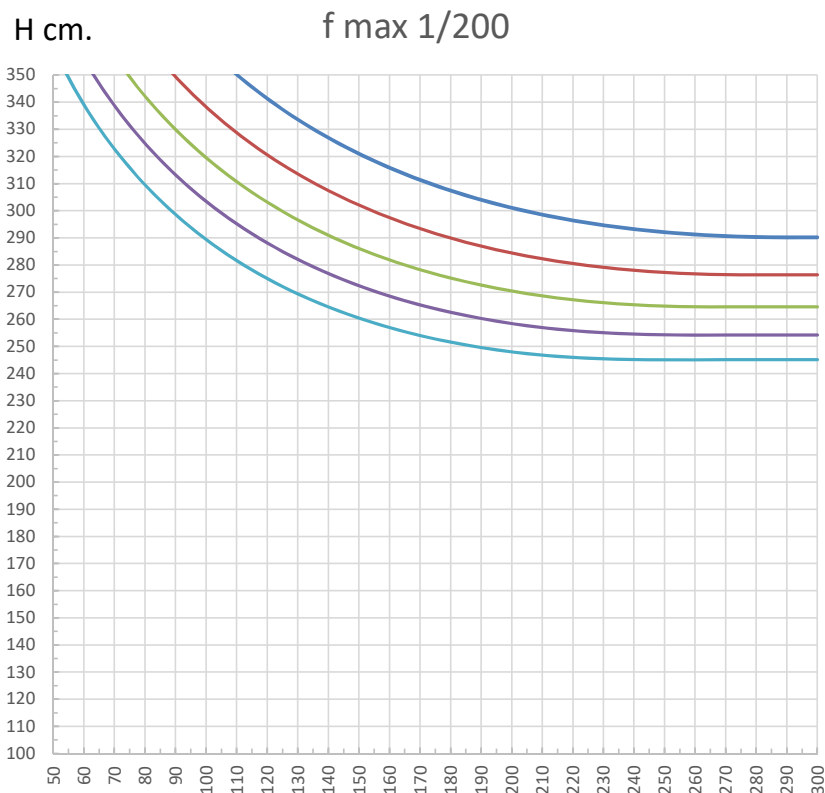
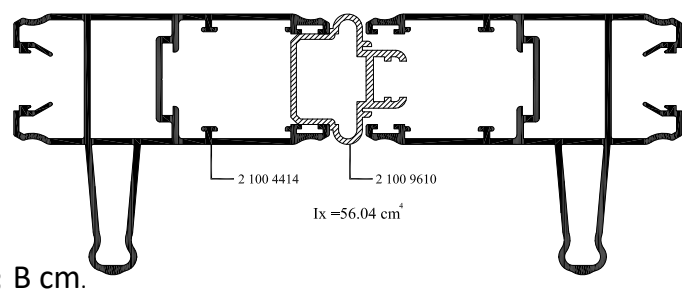
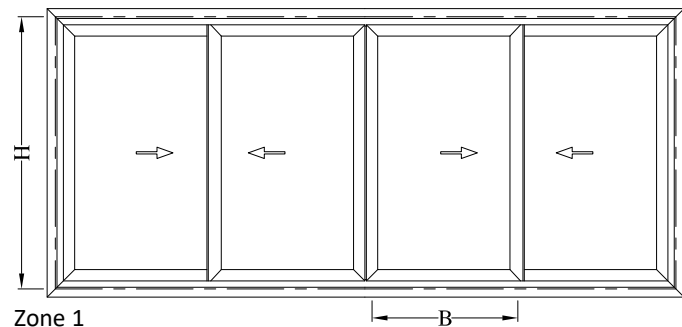
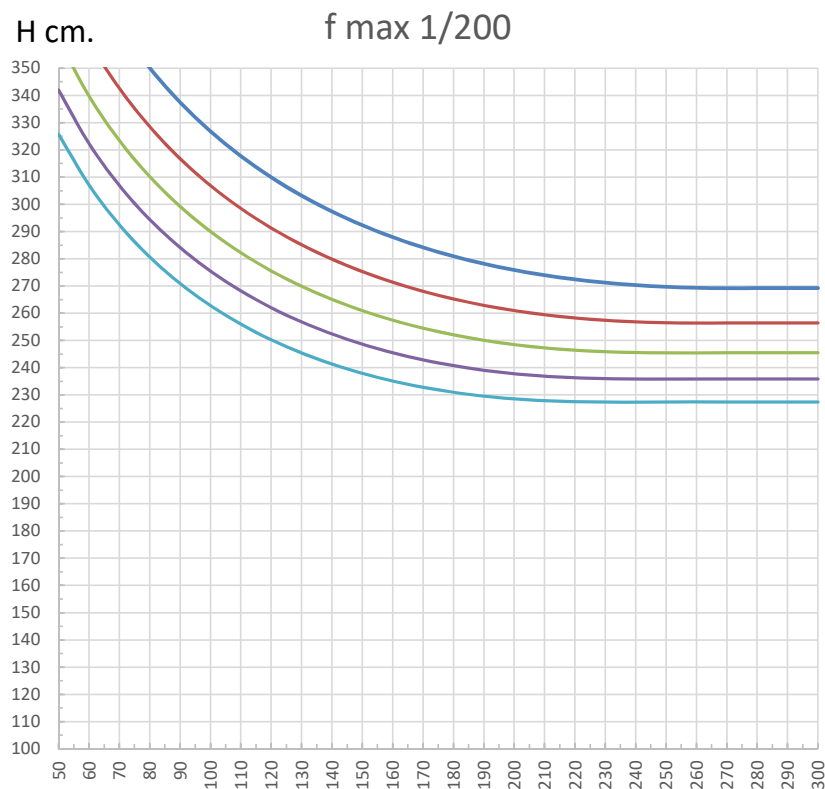
H cm. $f \max 1/200$



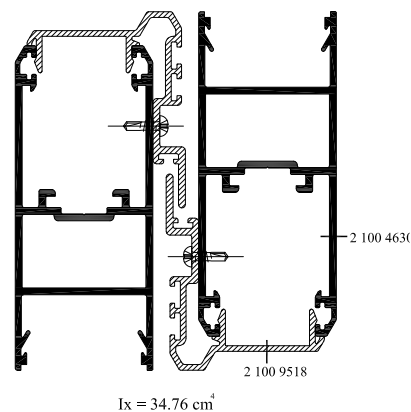
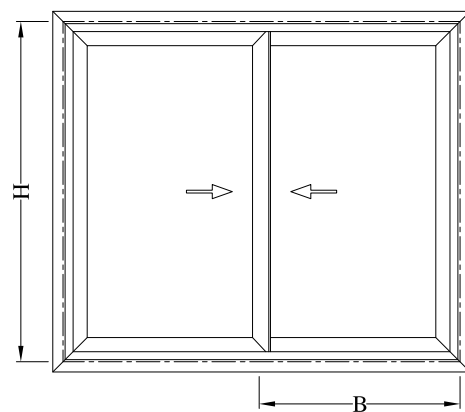
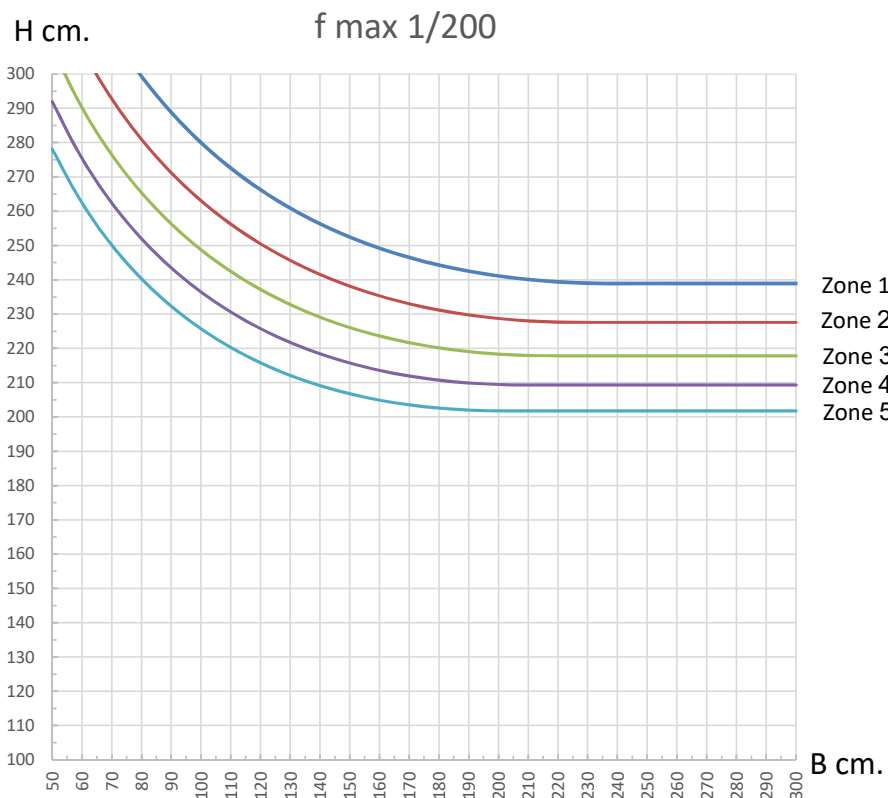
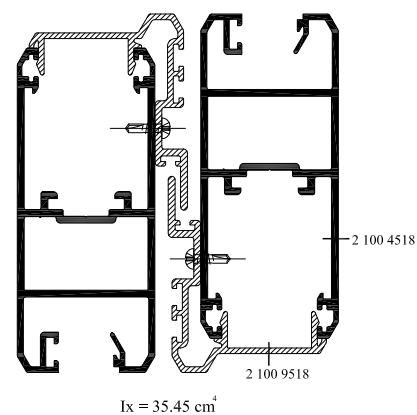
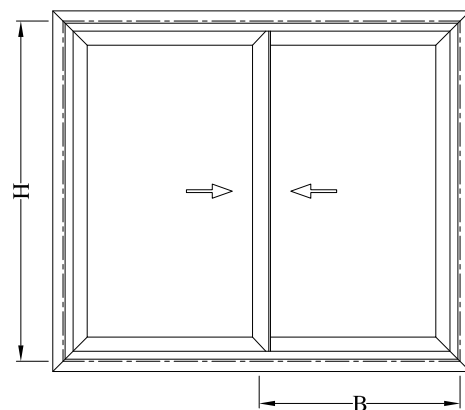
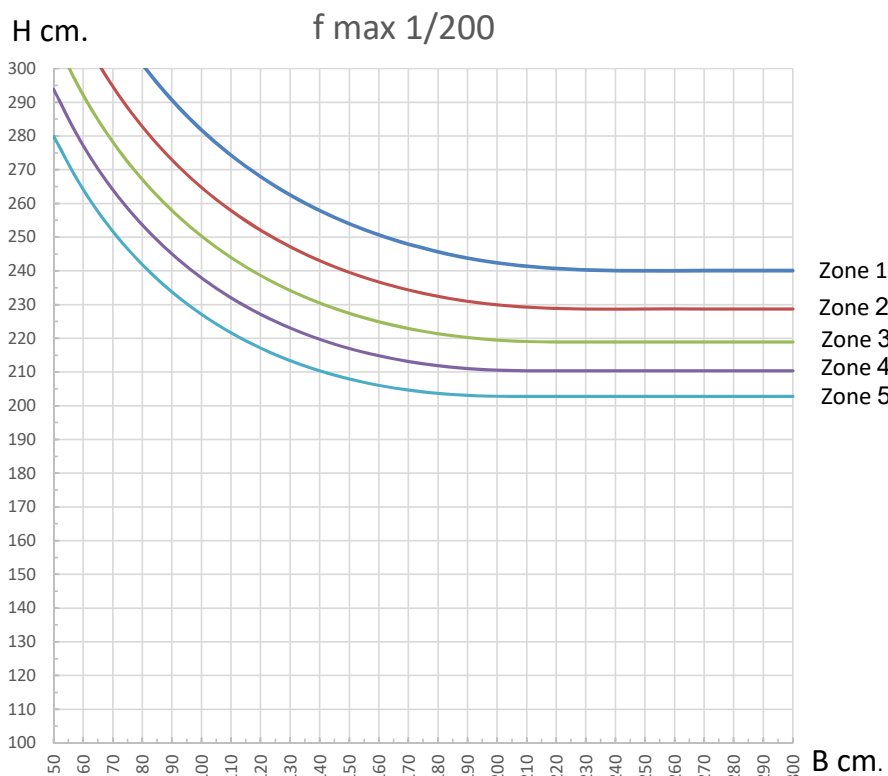
Zone 1
Zone 2
Zone 4
Zone 3
Zone 5



B cm.

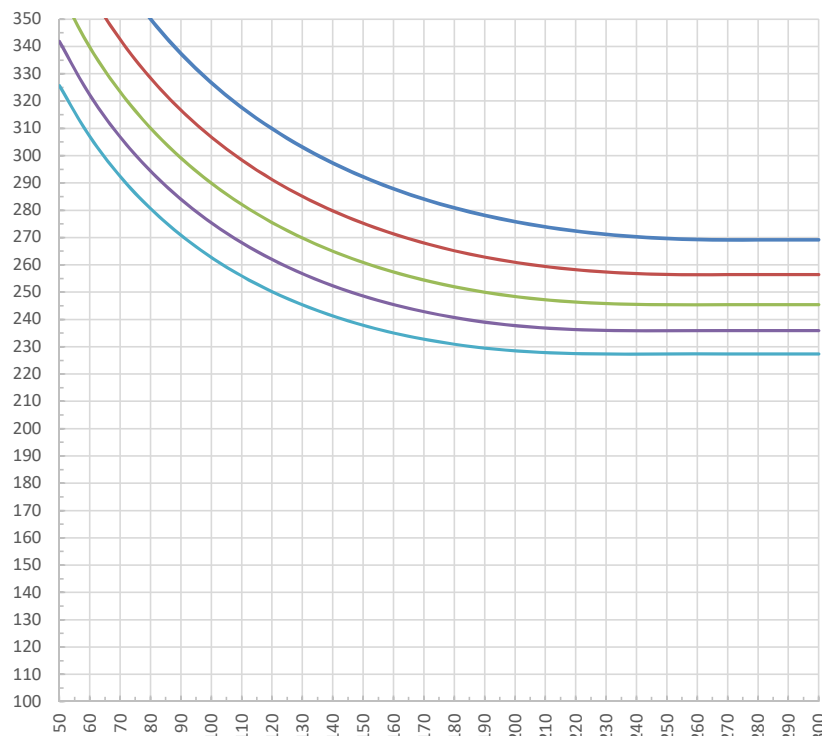


SUPER JUMBO

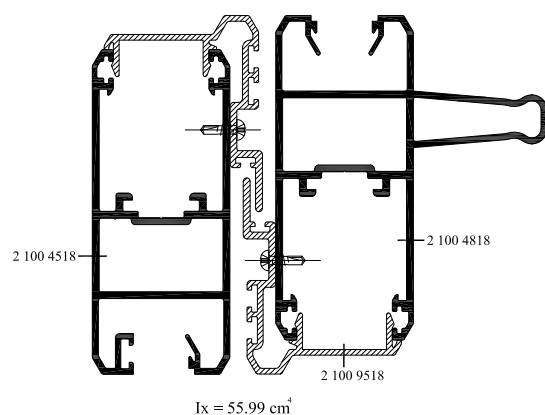
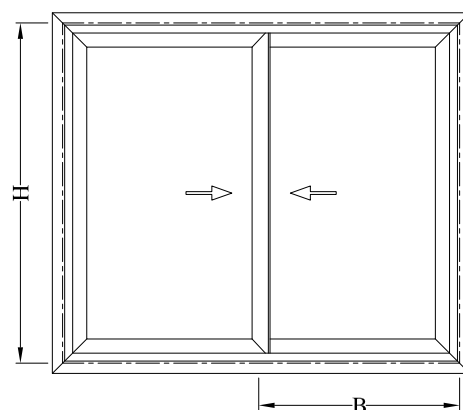




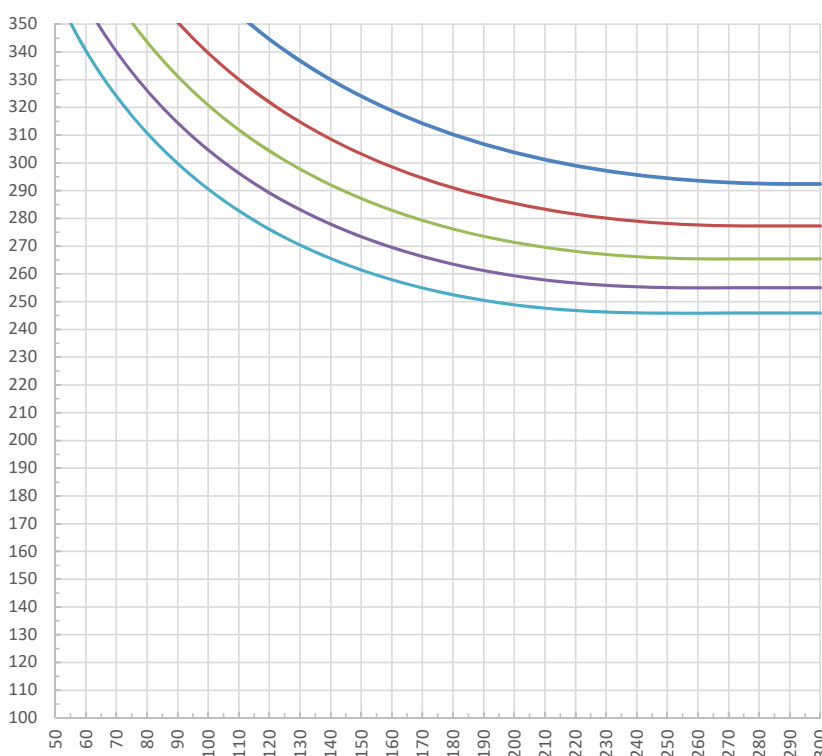
H cm. $f \max 1/200$



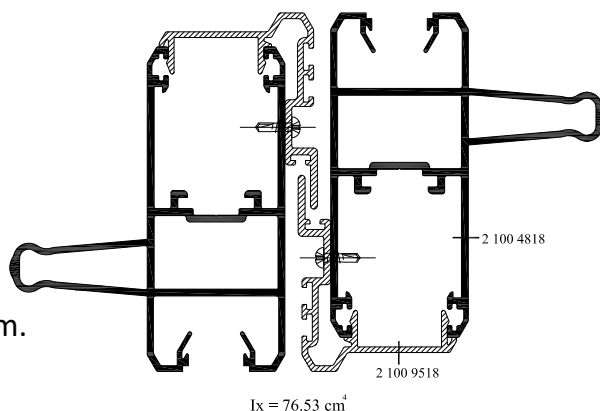
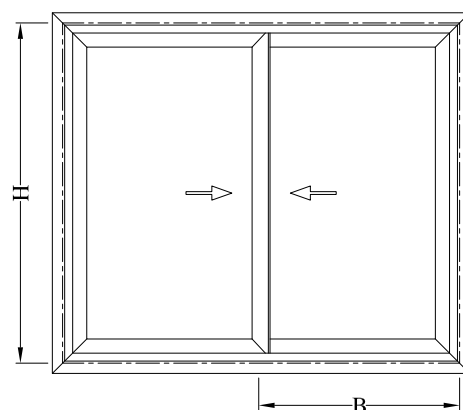
Zone 1
Zone 2
Zone 3
Zone 4
Zone 5



H cm. $f \max 1/200$

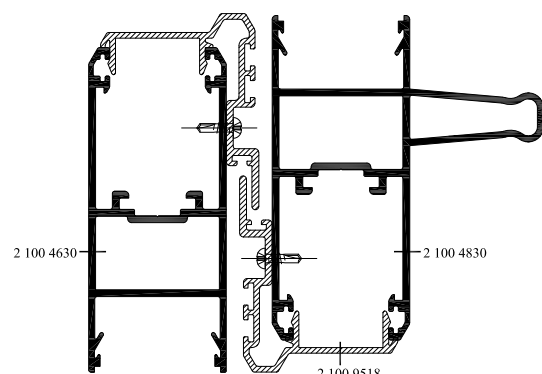
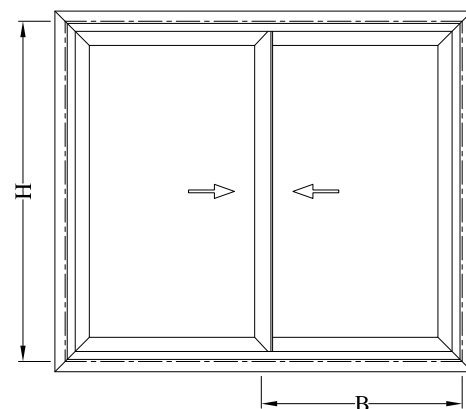
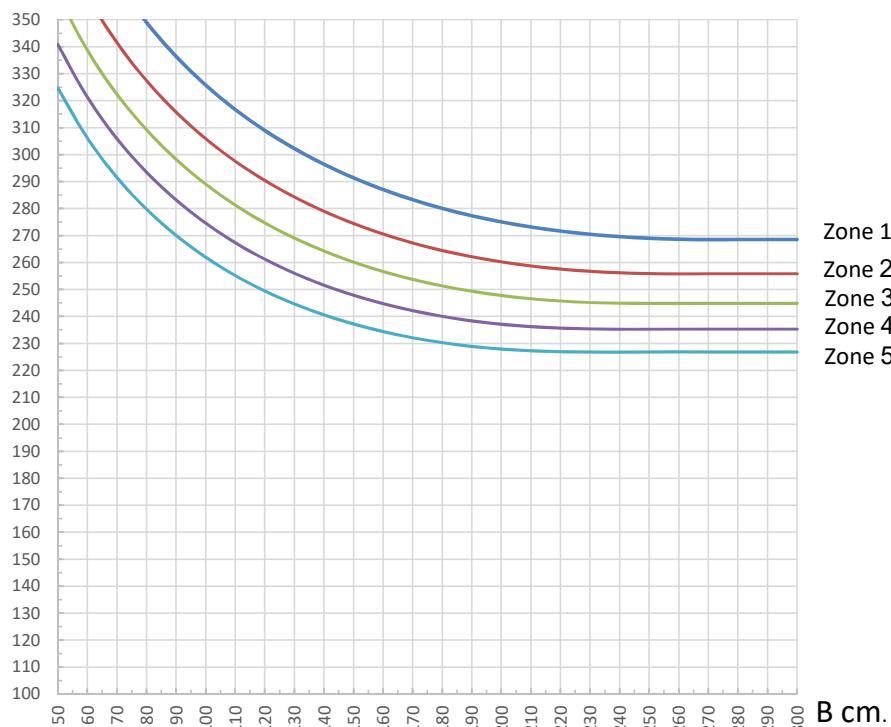


Zone 1
Zone 2
Zone 3
Zone 4
Zone 5



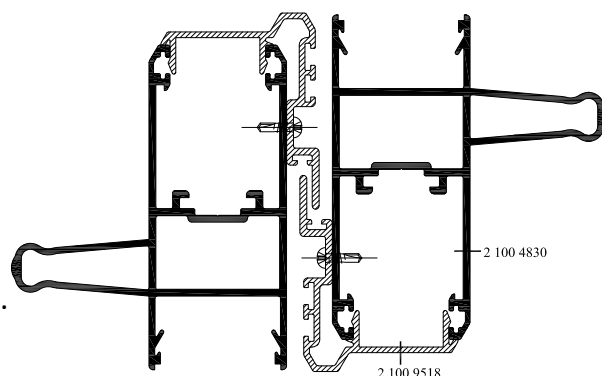
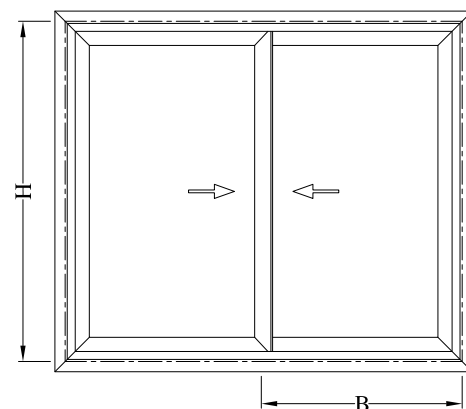
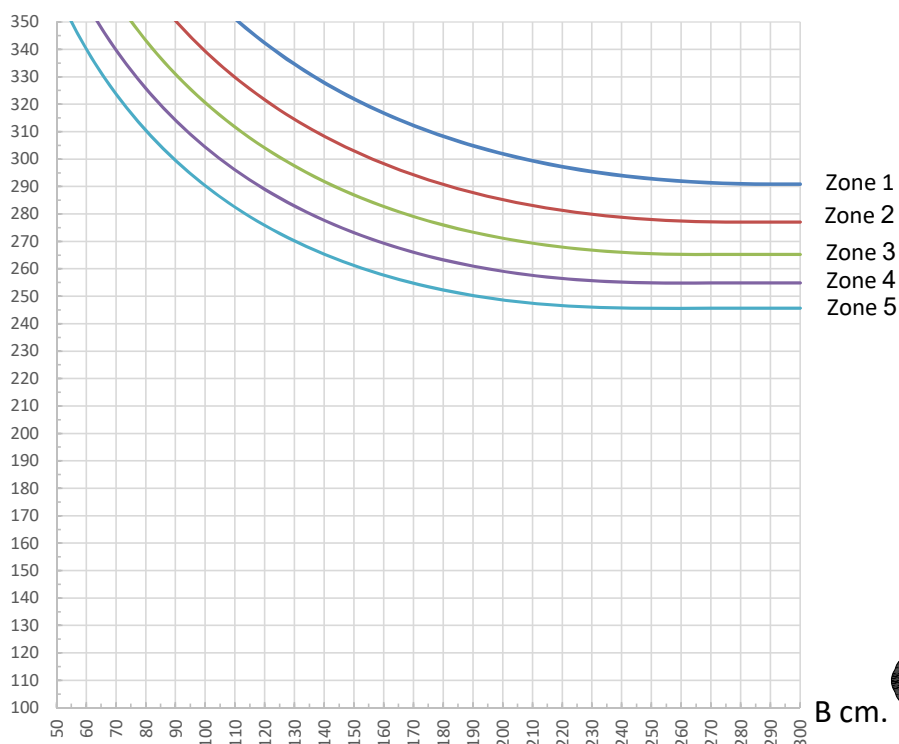


H cm. f max 1/200

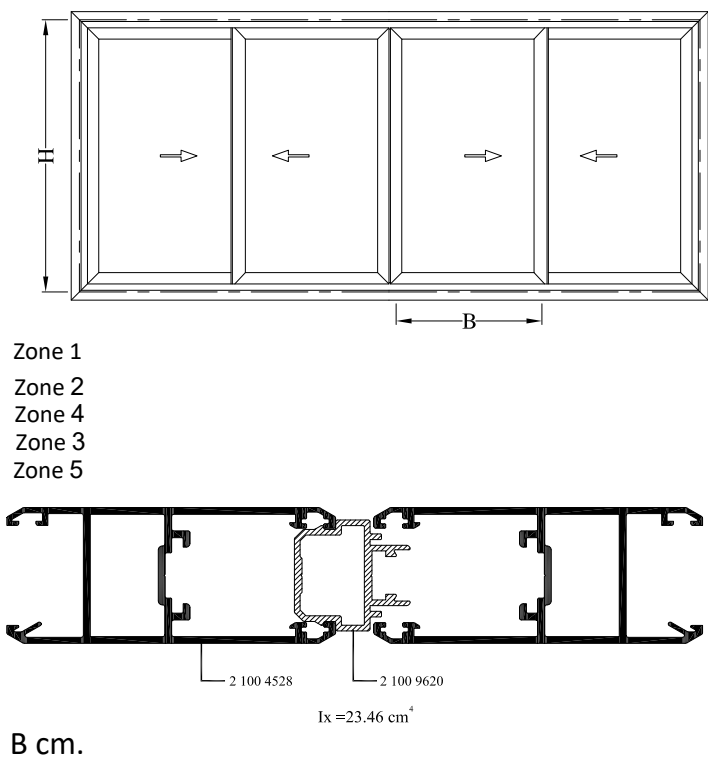
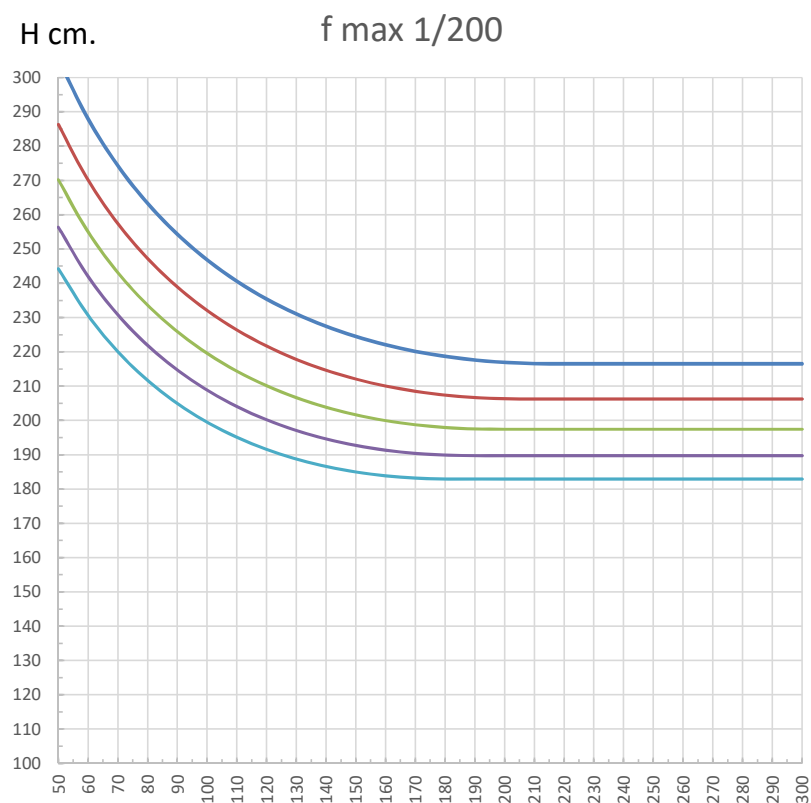
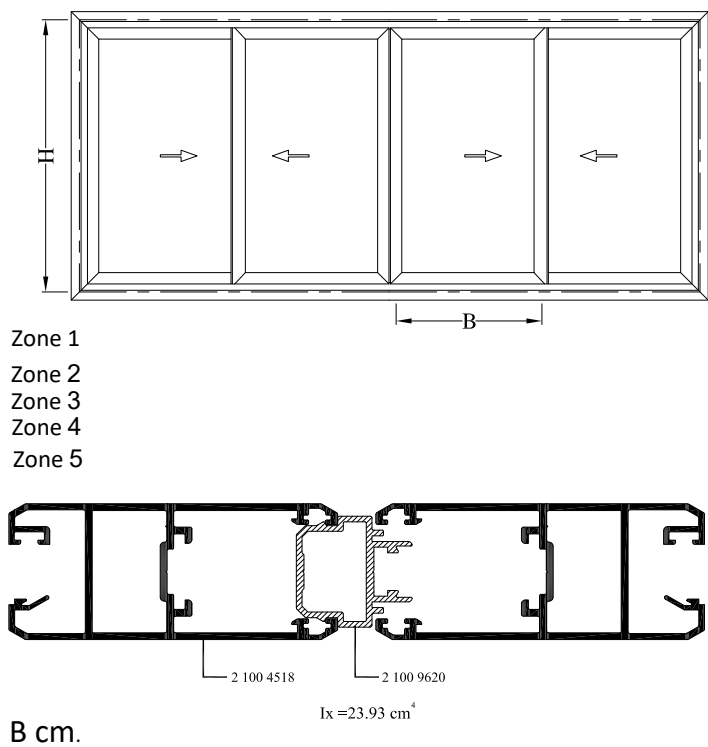
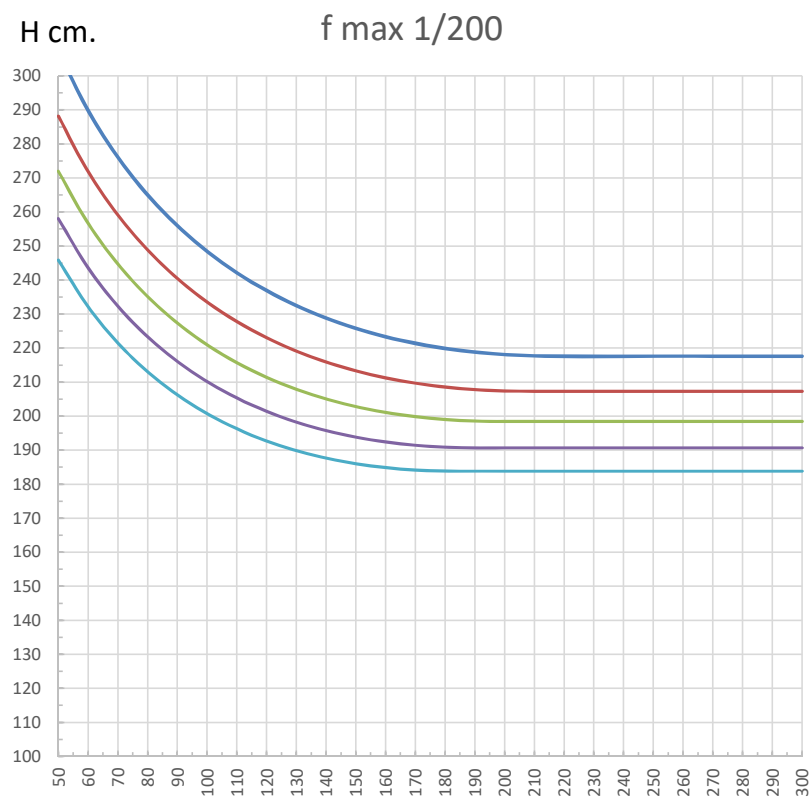


$I_x = 48.29 \text{ cm}^4$

H cm. f max 1/200

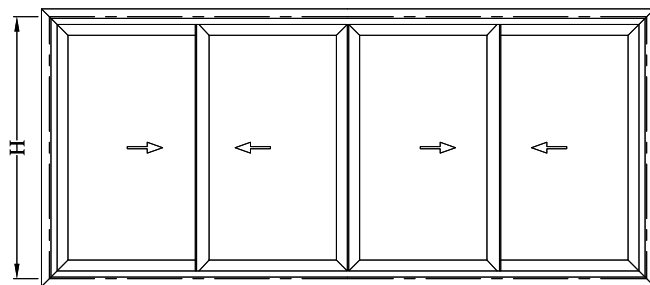
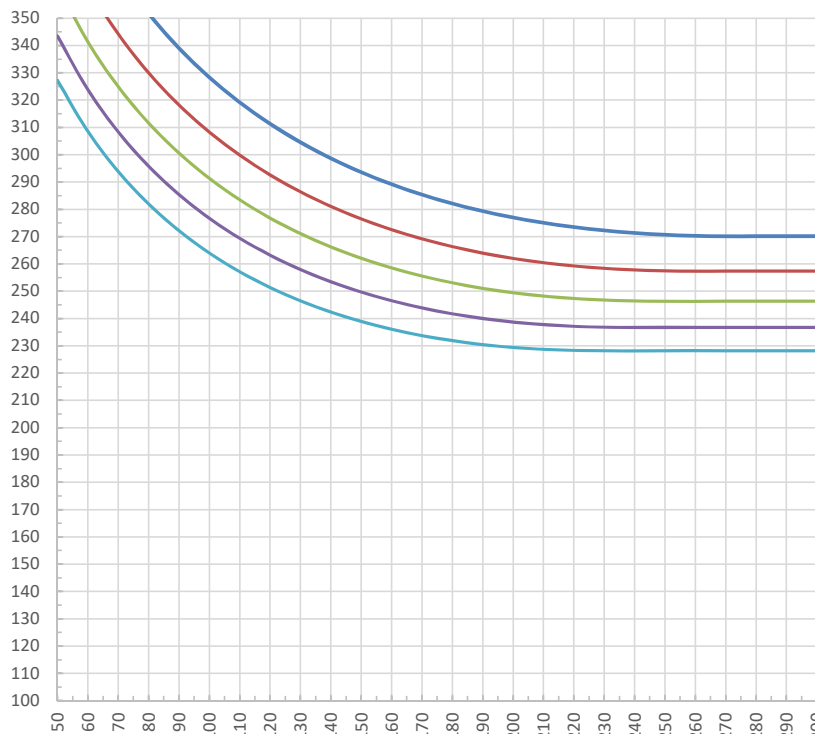


$I_x = 61.82 \text{ cm}^4$

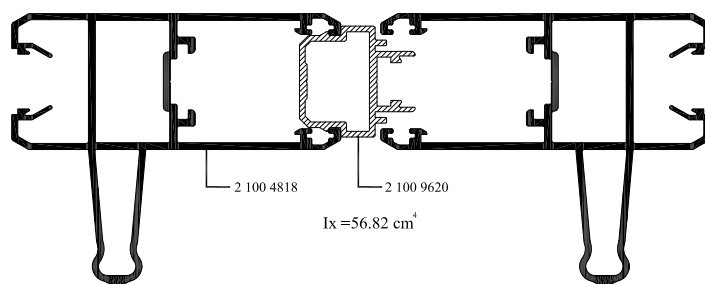




H cm. f max 1/200

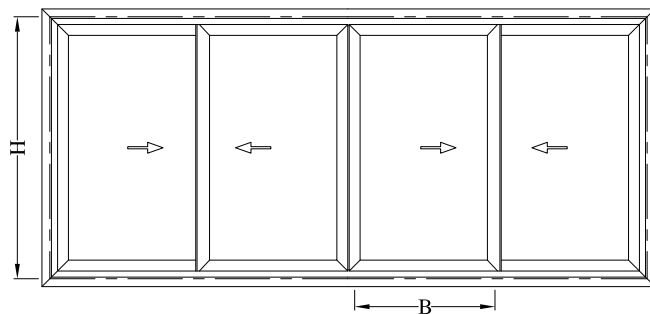
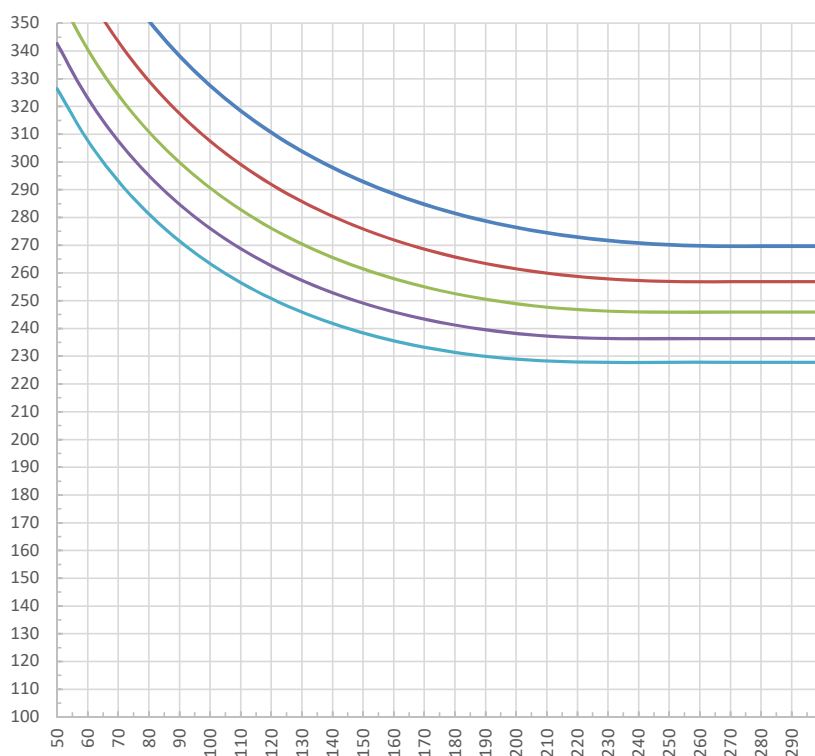


Zone 1
Zone 2
Zone 3
Zone 4
Zone 5

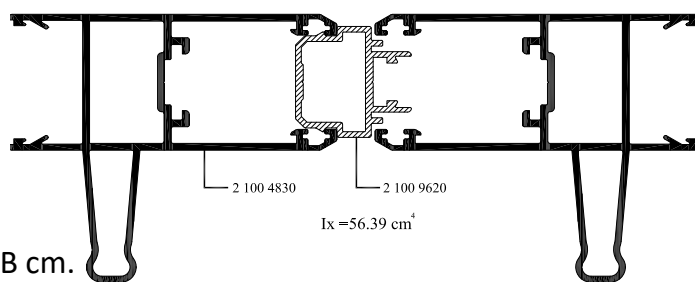


B cm.

H cm. f max 1/200

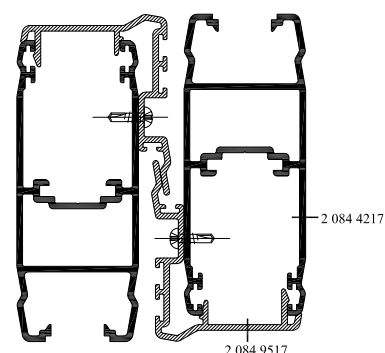
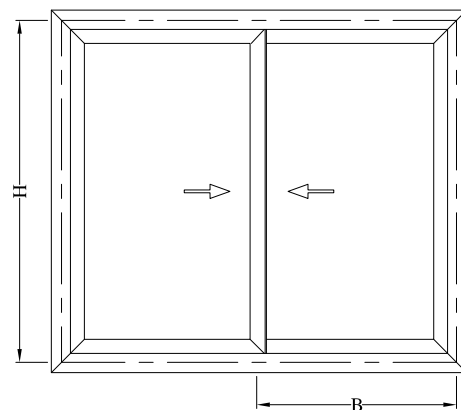
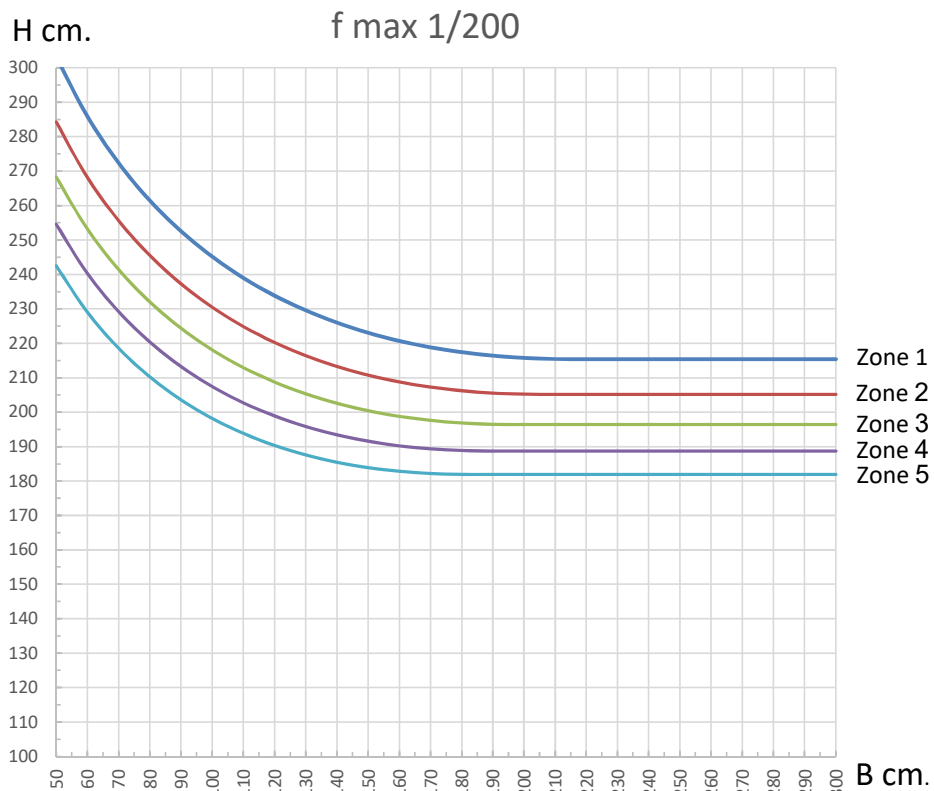


Zone 1
Zone 2
Zone 3
Zone 4
Zone 5

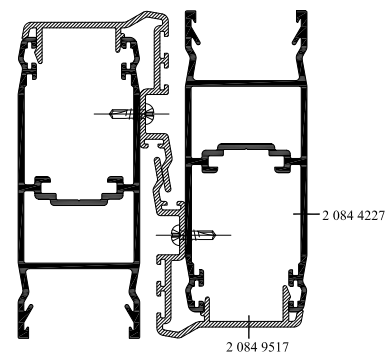
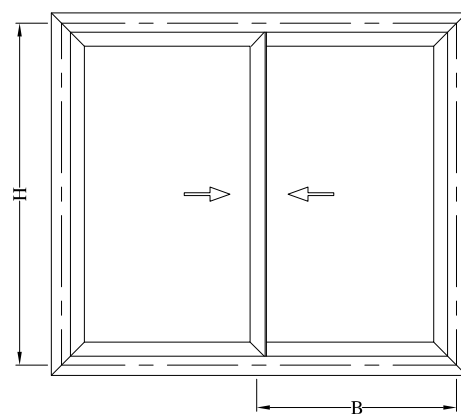
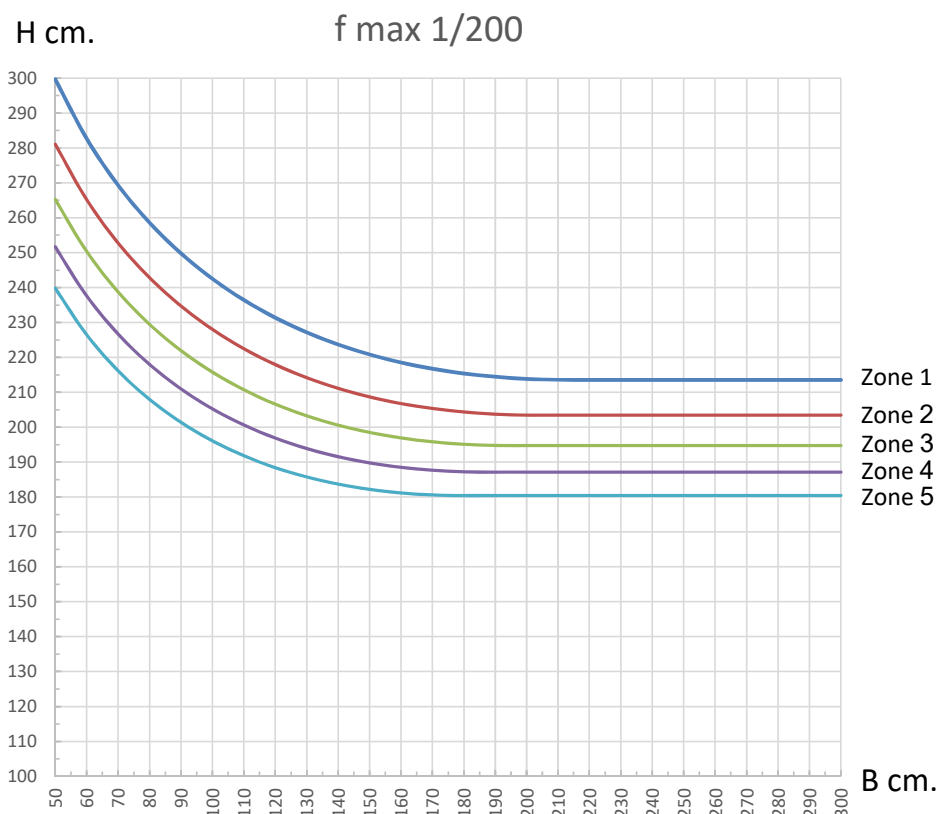


B cm.

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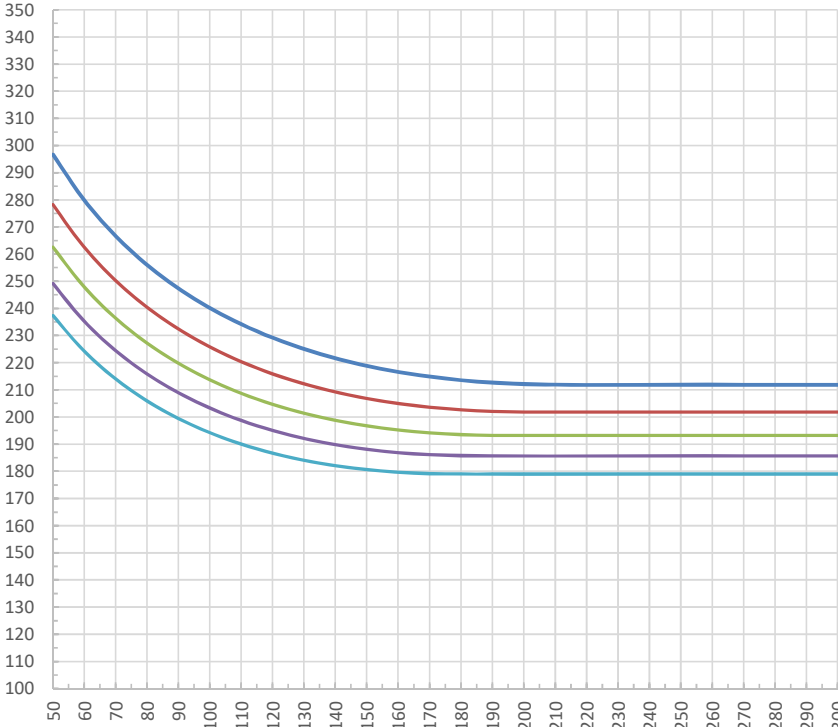
$$I_x = 22.95 \text{ cm}^4$$



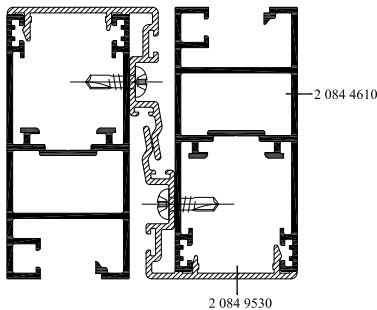
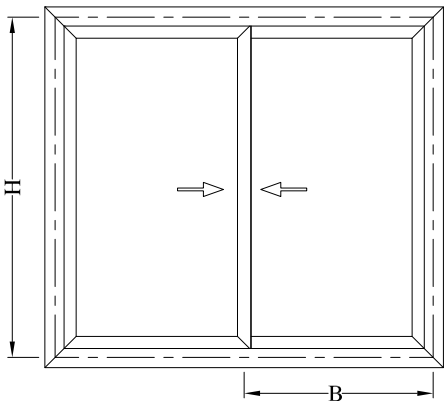
$$I_x = 23.19 \text{ cm}^4$$



H cm. f max 1/200

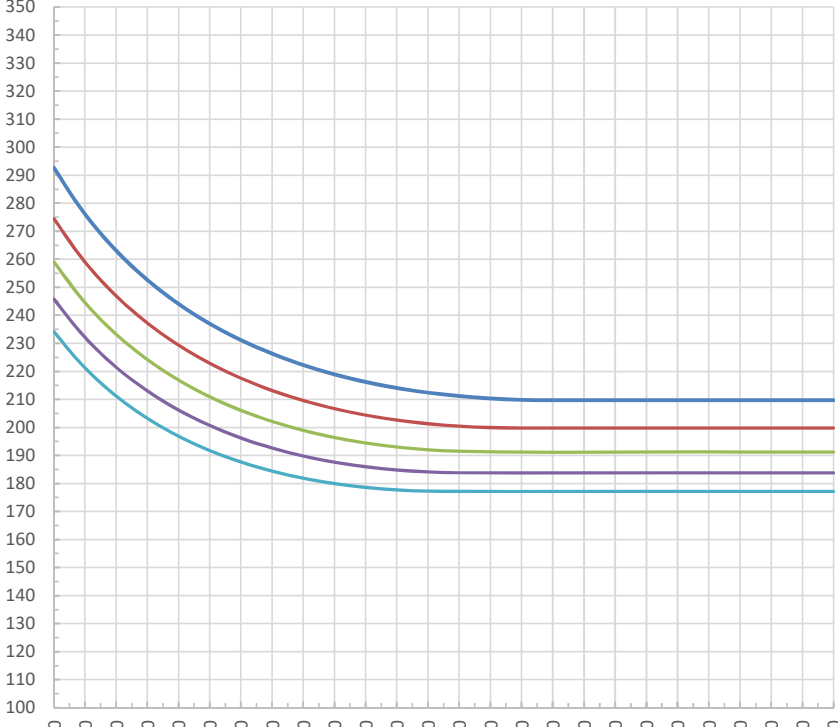


Zone 1
Zone 2
Zone 3
Zone 4
Zone 5

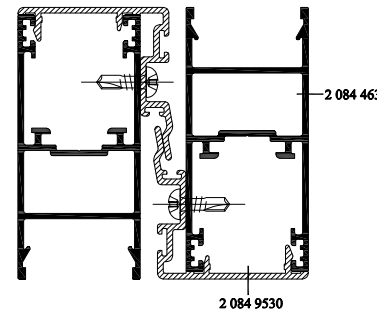
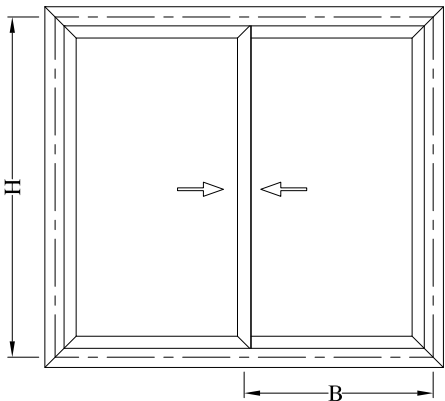


Ix = 21.52 cm⁴

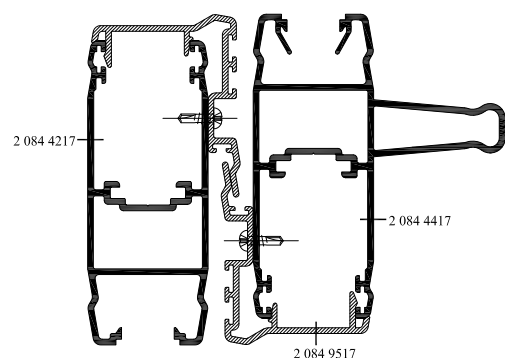
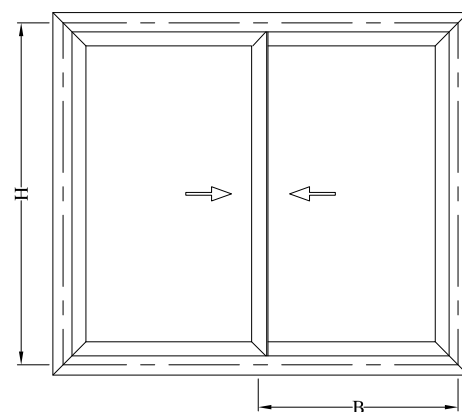
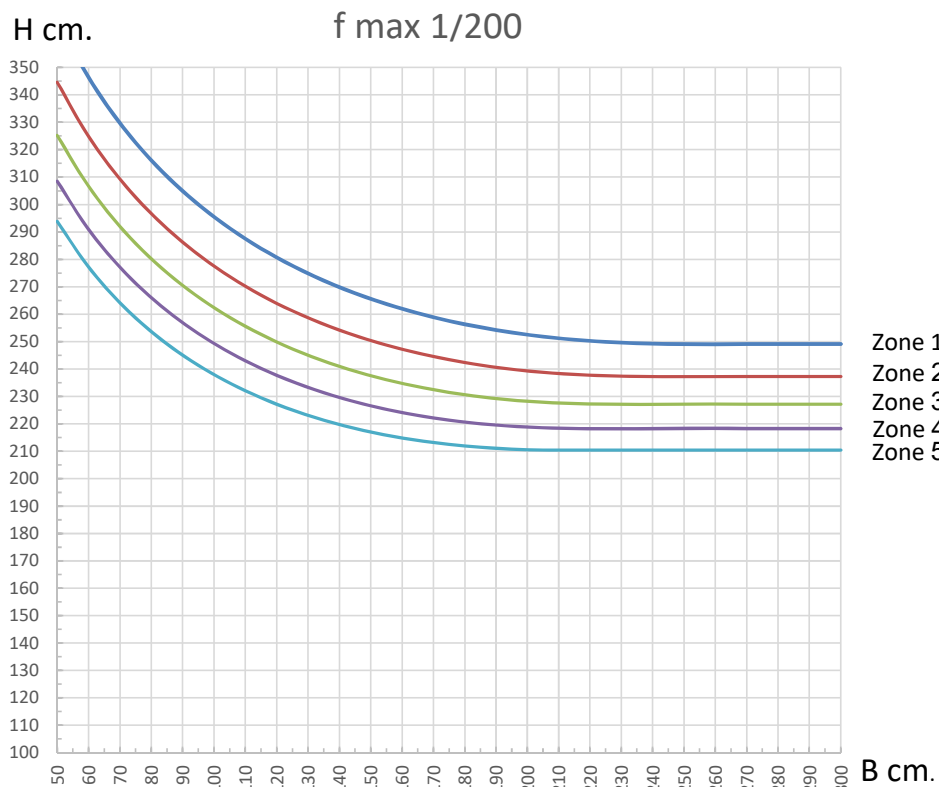
H cm. f max 1/200



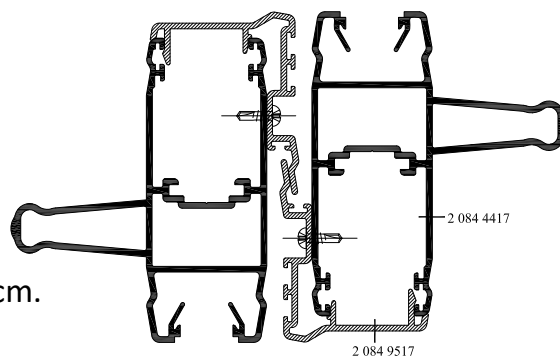
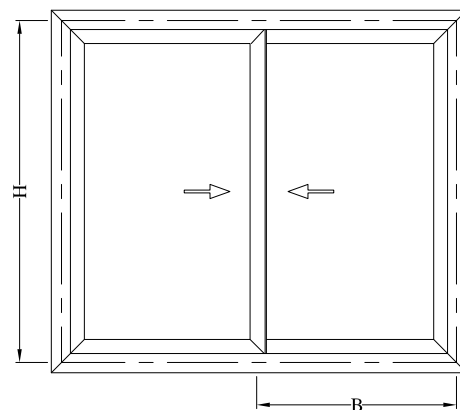
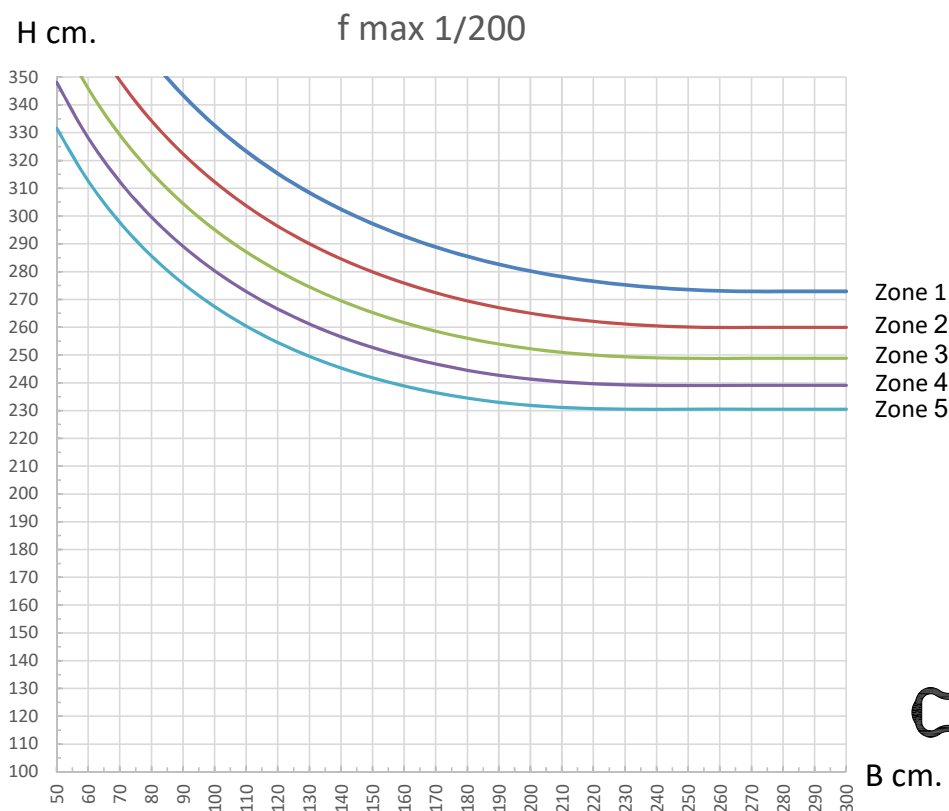
Zone 1
Zone 2
Zone 3
Zone 4
Zone 5



Ix = 20.64 cm⁴



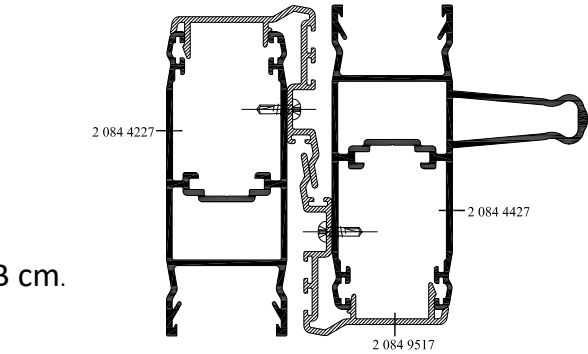
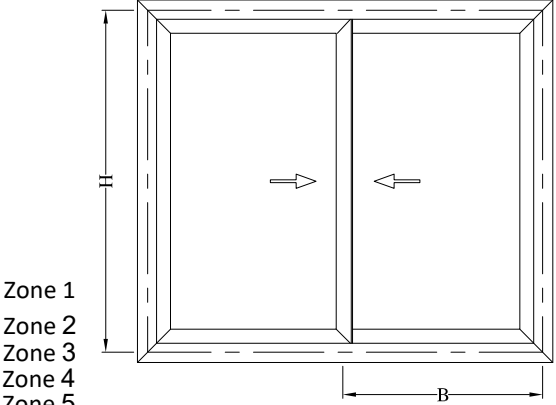
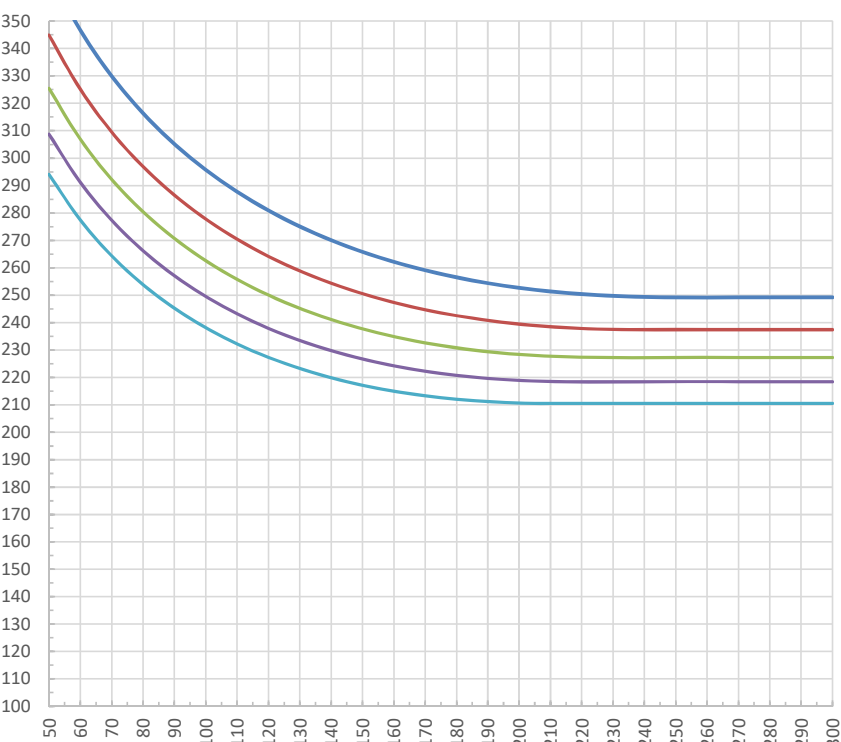
$I_x = 41.05 \text{ cm}^4$



$I_x = 59.14 \text{ cm}^4$

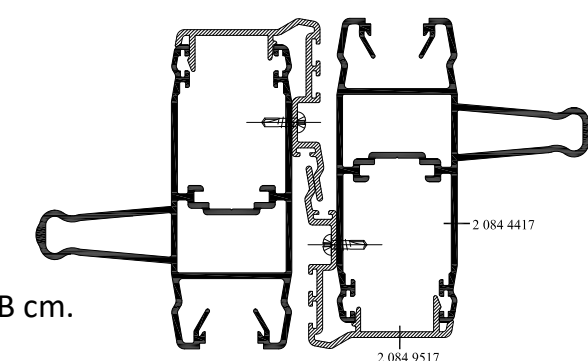
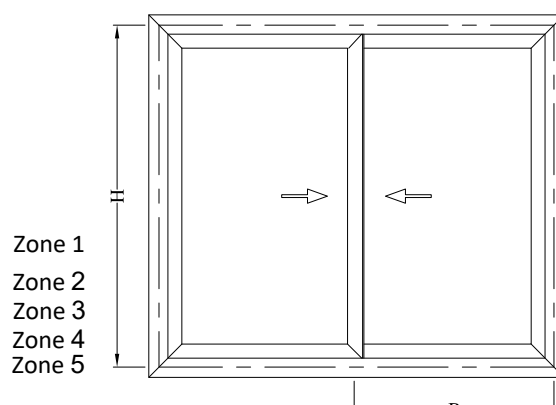
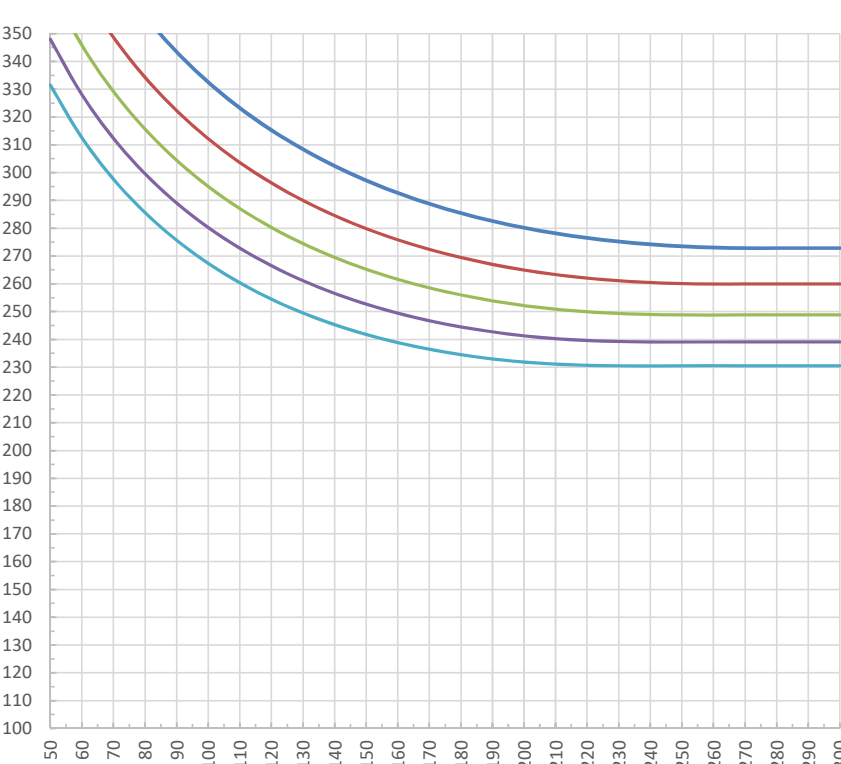


H cm. f max 1/200



Ix = 41.15 cm⁴

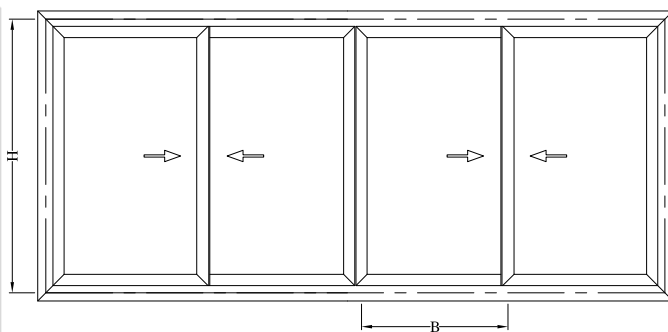
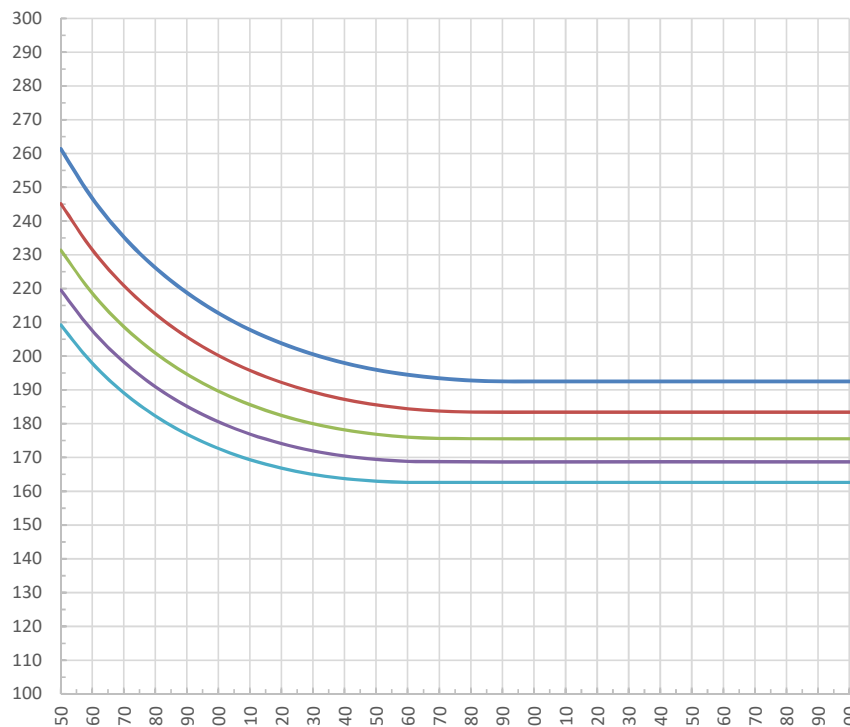
H cm. f max 1/200



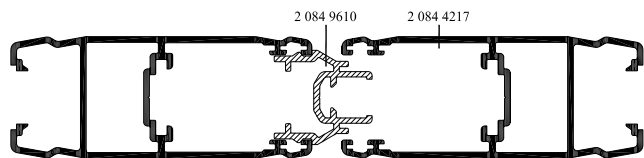
Ix = 59.14 cm⁴



H cm. $f \max 1/200$



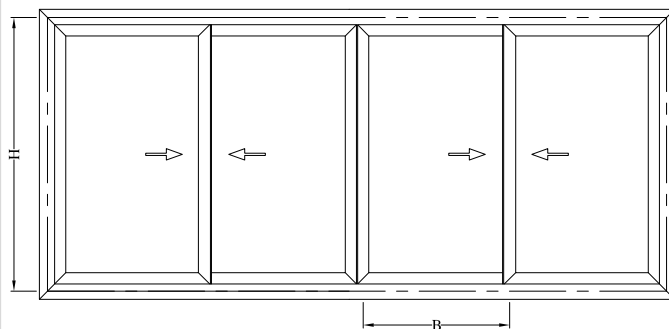
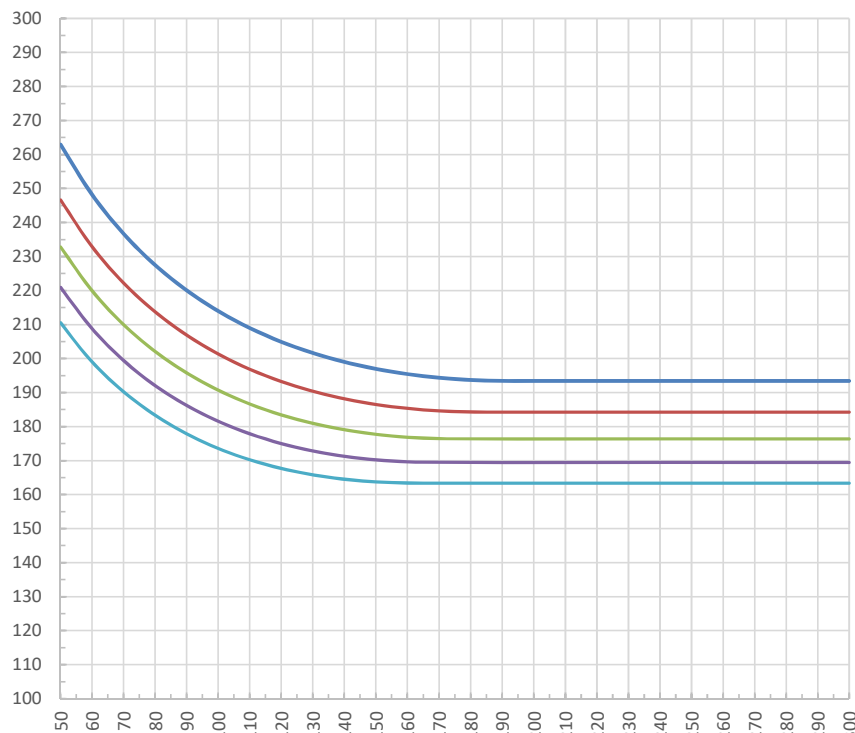
Zone 1
Zone 2
Zone 3
Zone 4
Zone 5



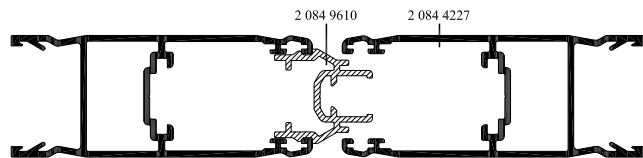
B cm.

$I_x = 14.66 \text{ cm}^4$

H cm. $f \max 1/200$



Zone 1
Zone 2
Zone 3
Zone 4
Zone 5

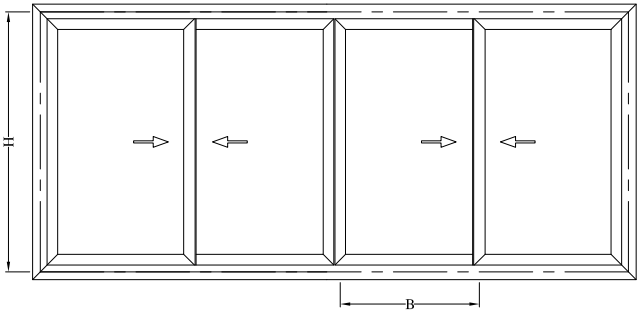
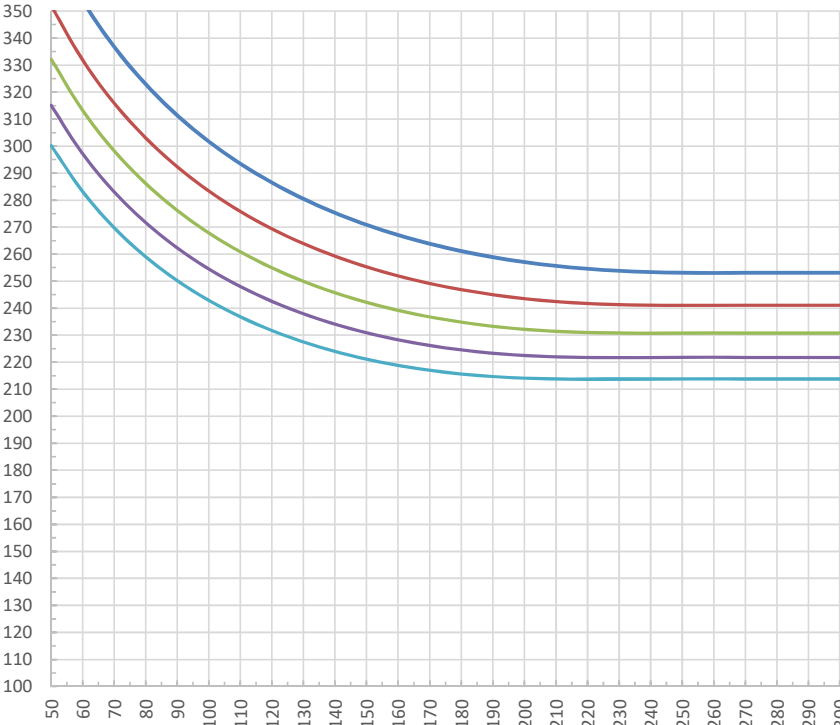


B cm.

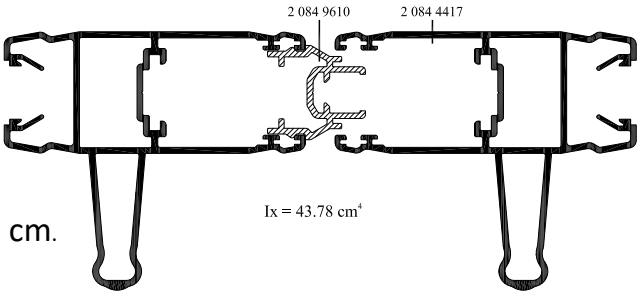
$I_x = 14.93 \text{ cm}^4$



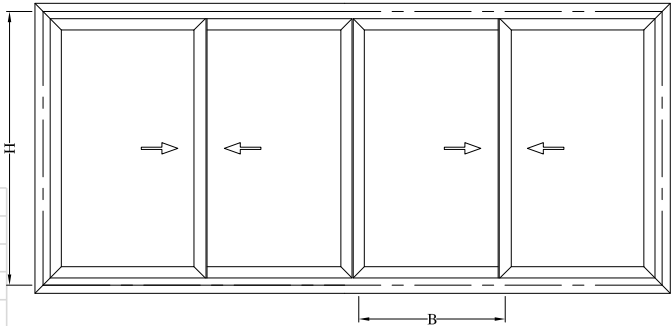
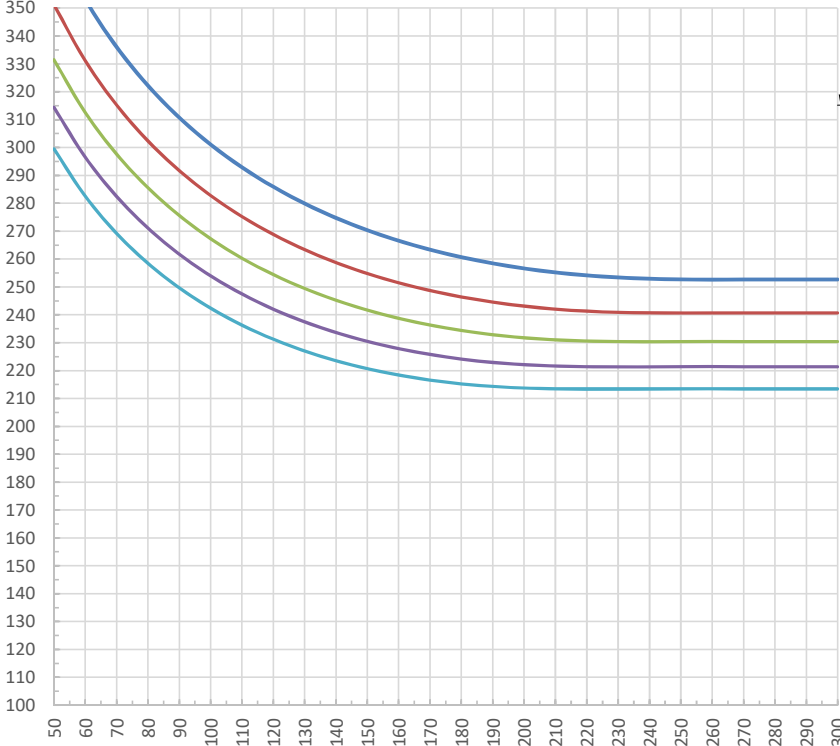
H cm. f max 1/200



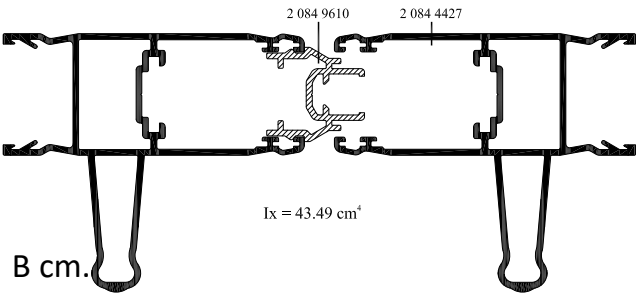
- Zone 1
- Zone 2
- Zone 3
- Zone 4
- Zone 5



H cm. f max 1/200



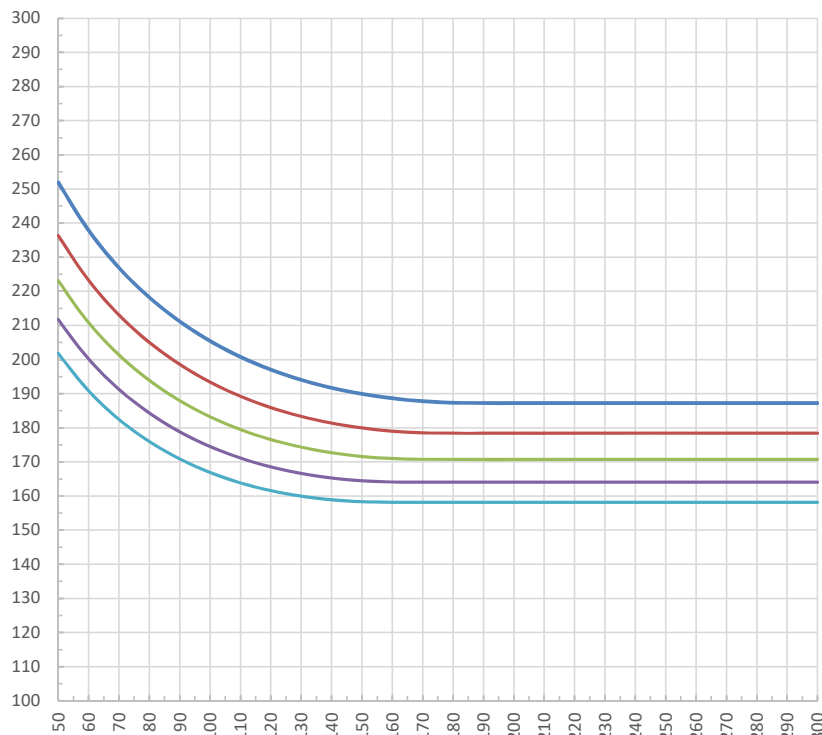
- Zone 1
- Zone 2
- Zone 3
- Zone 4
- Zone 5



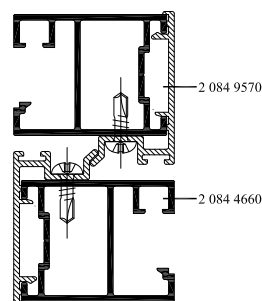
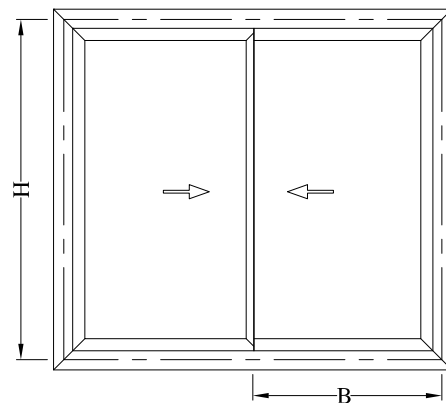
TEMPO SLIM



H cm. $f_{\max} 1/200$

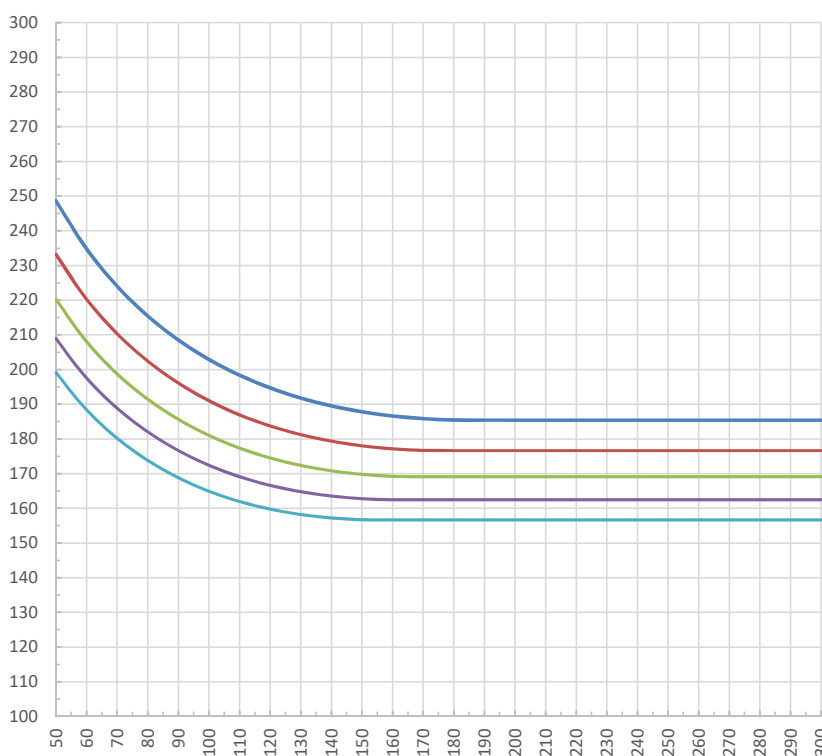


Zone 1
Zone 2
Zone 3
Zone 4
Zone 5

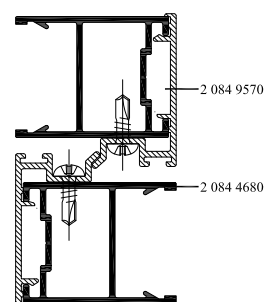
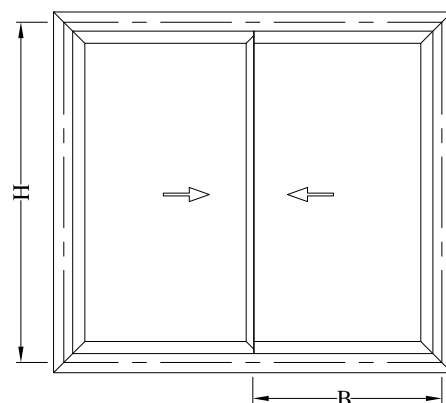


$I_x = 13.11 \text{ cm}^4$

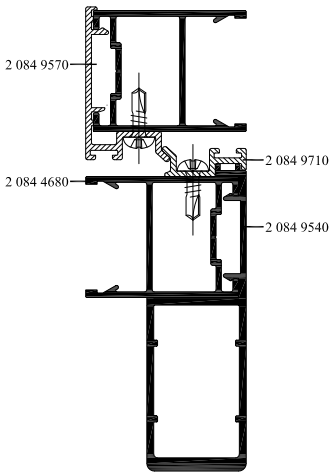
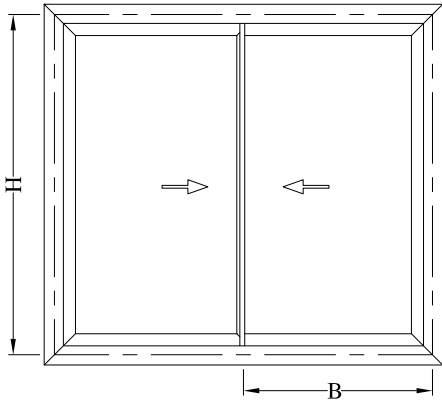
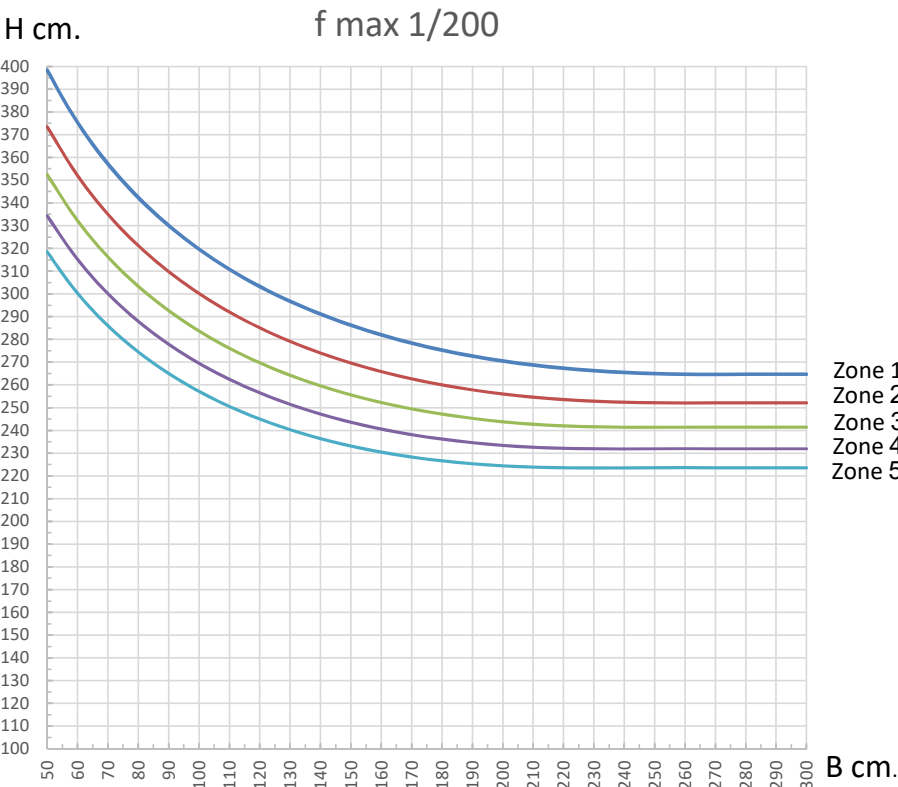
H cm. $f_{\max} 1/200$



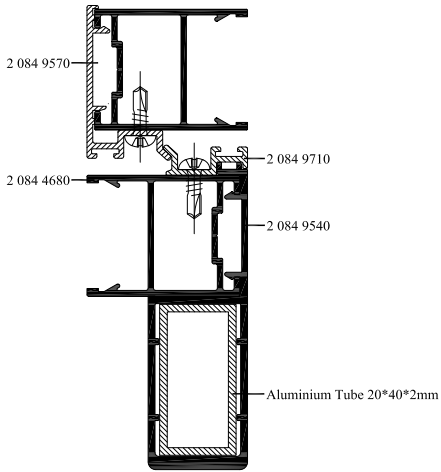
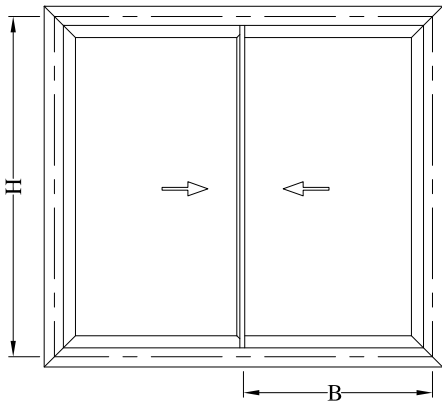
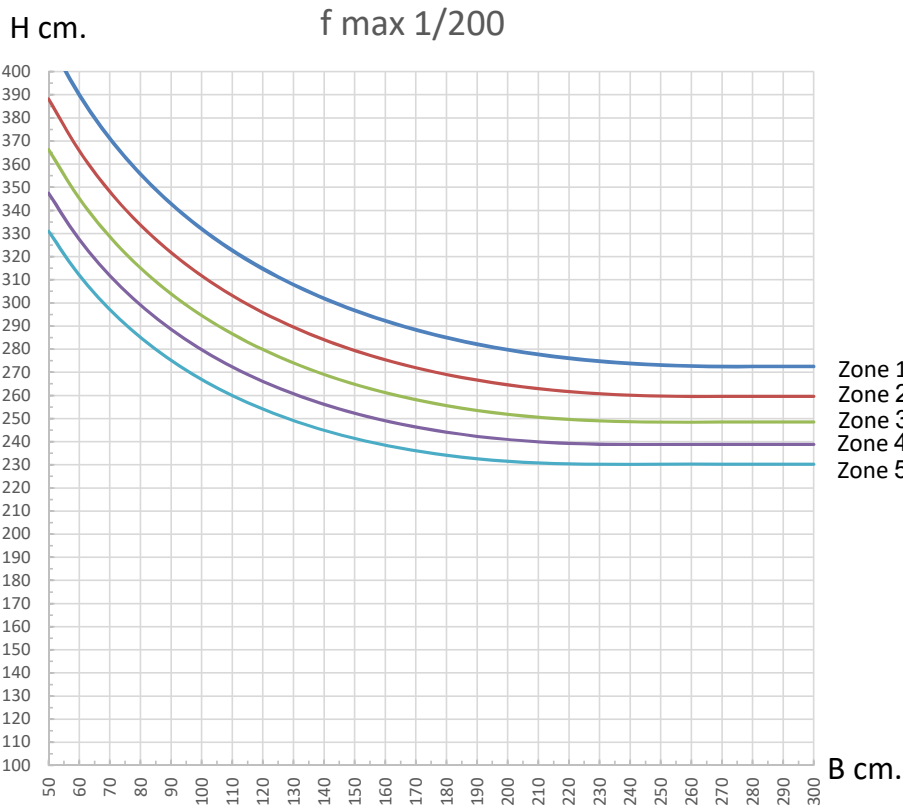
Zone 1
Zone 2
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Zone 5



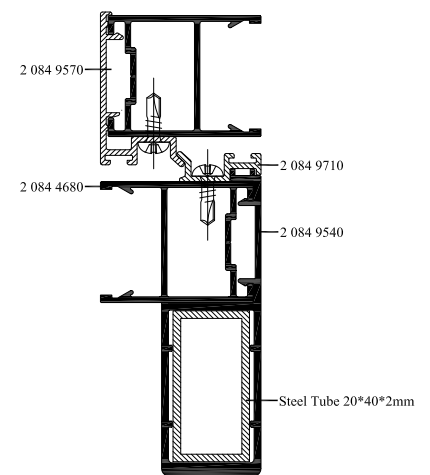
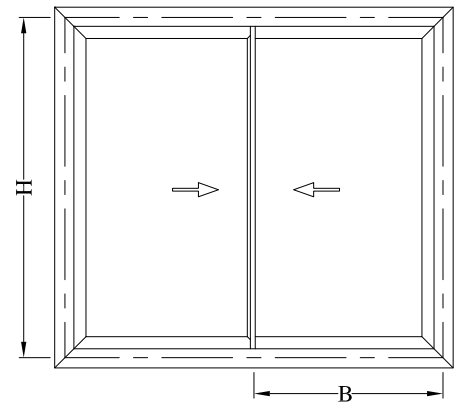
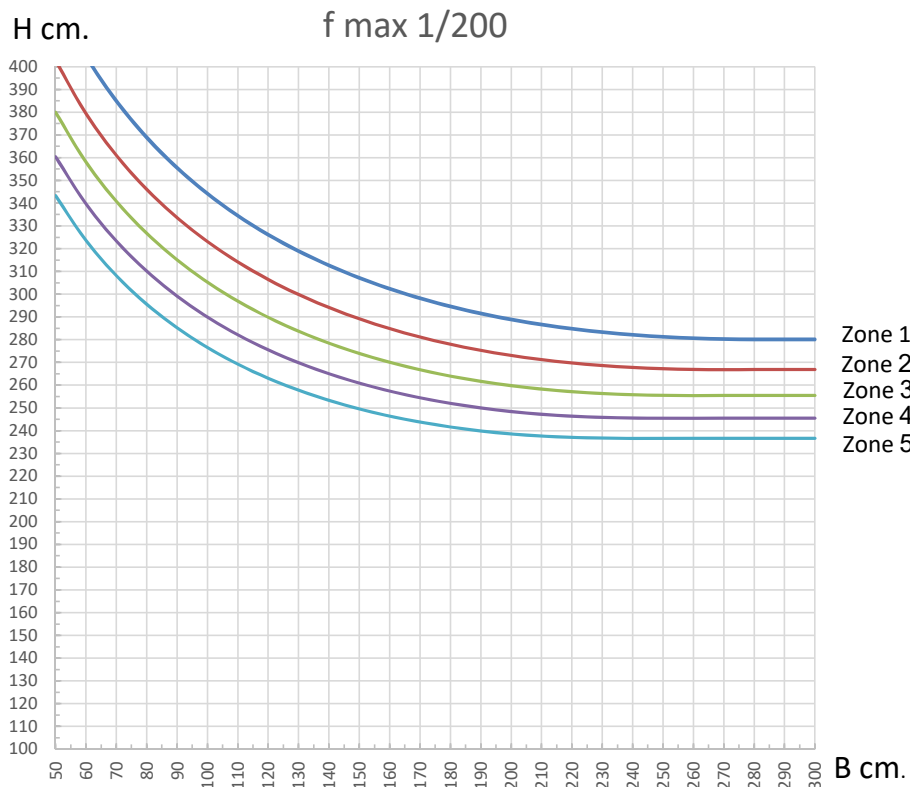
$I_x = 12.60 \text{ cm}^4$



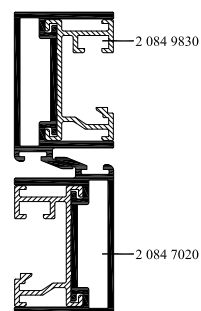
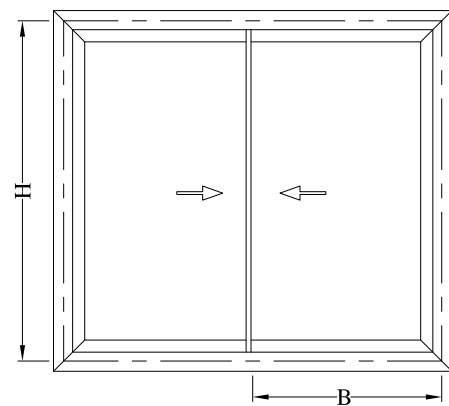
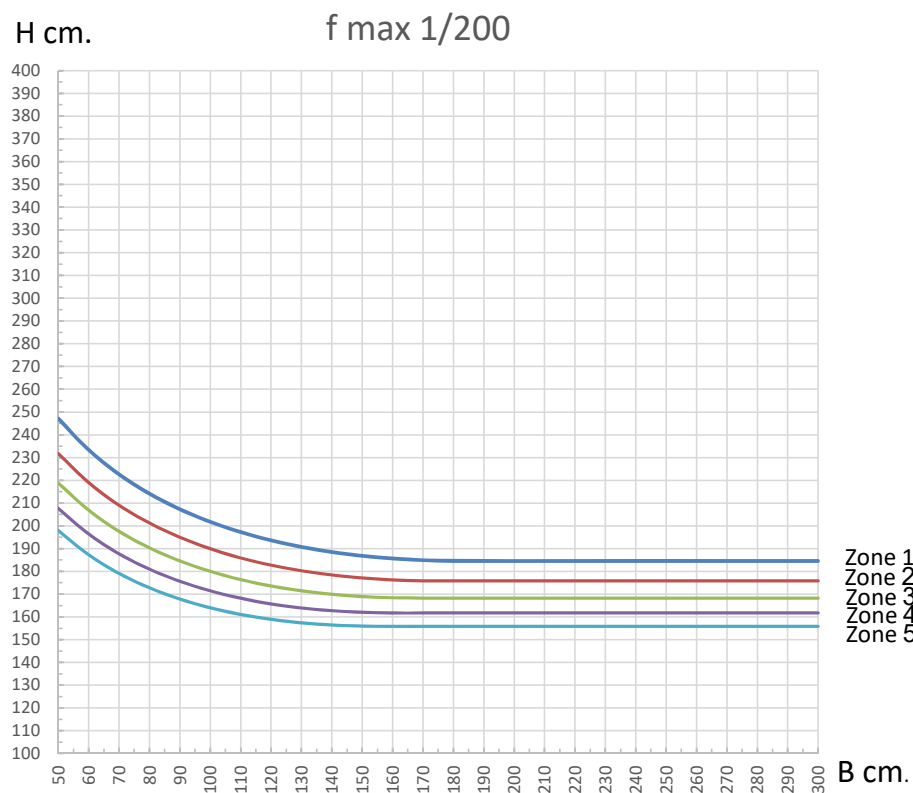
$I_x = 54.34 \text{ cm}^4$



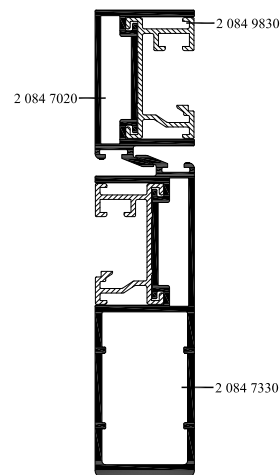
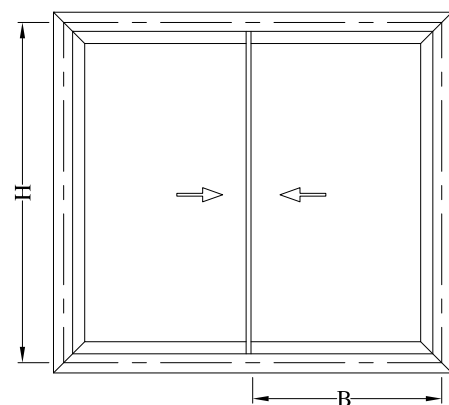
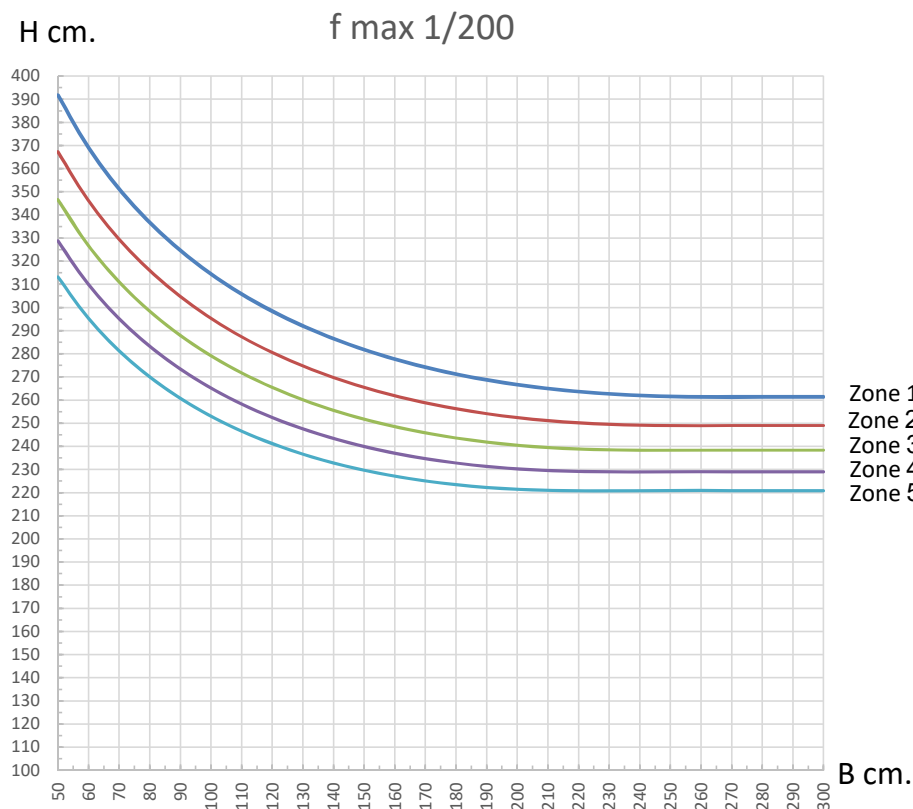
$I_x = 58.79 \text{ cm}^4$



$$I_x = 65.68 \text{ cm}^4$$



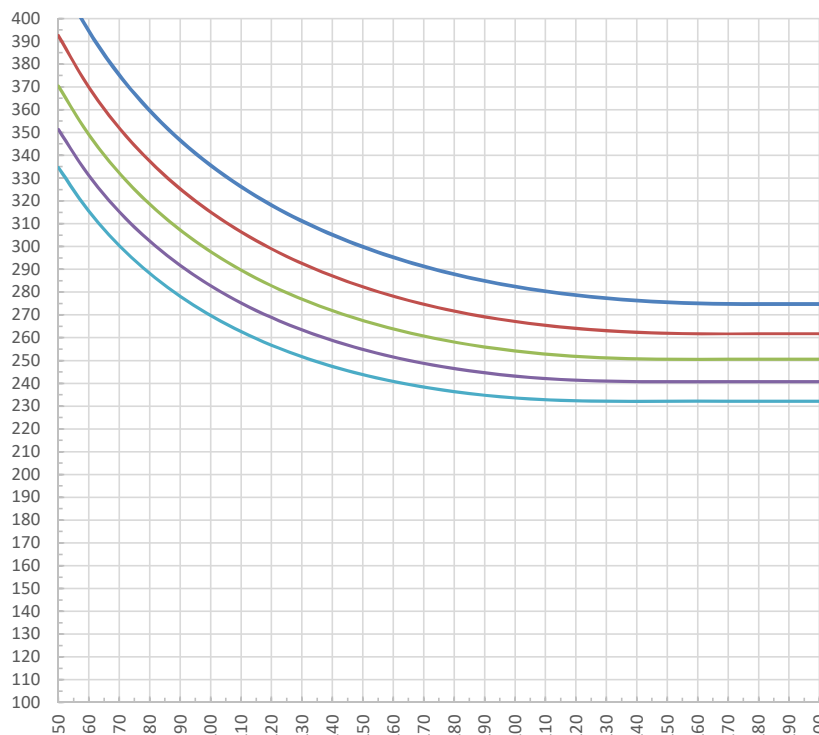
$I_x = 12.37 \text{ cm}^4$



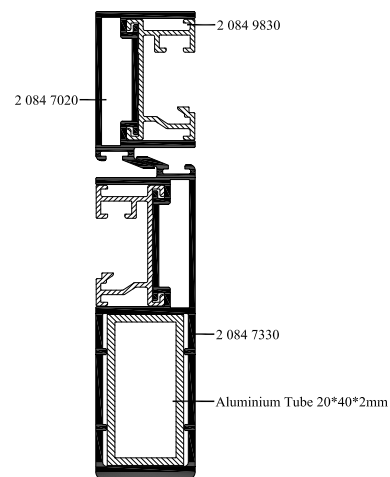
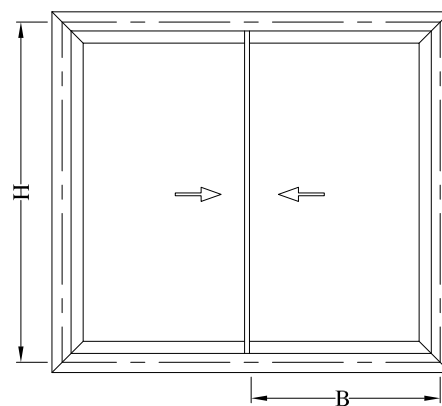
$I_x = 49.76 \text{ cm}^4$



H cm. $f \max 1/200$

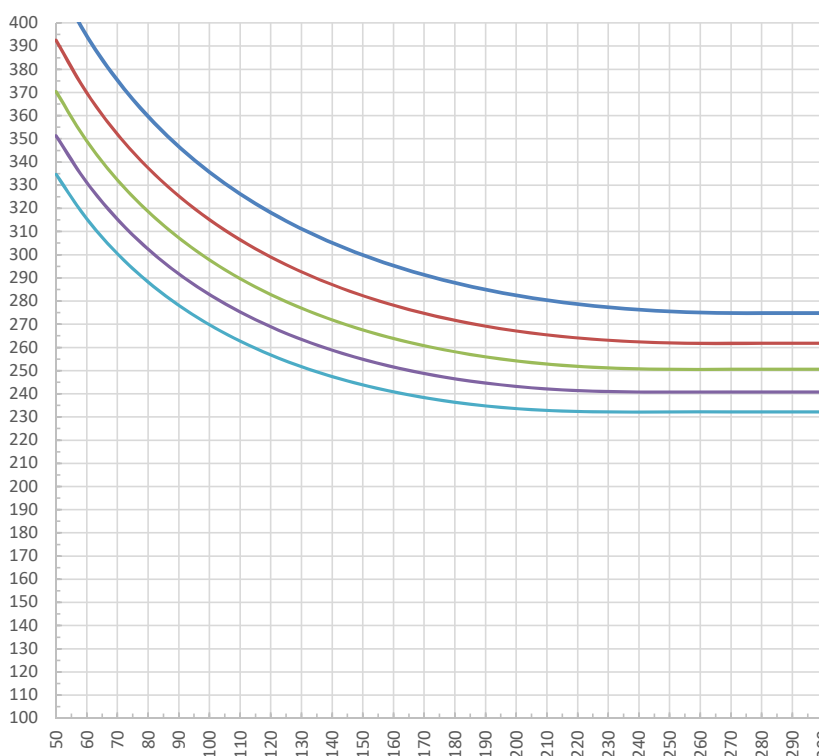


Zone 1
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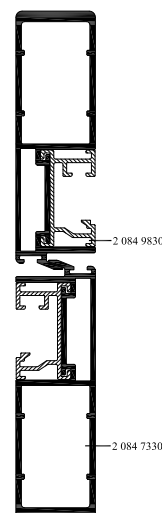
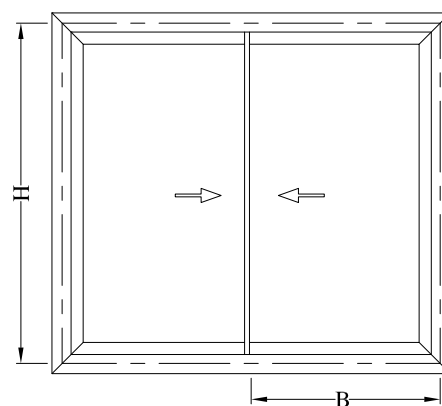


$I_x = 60.79 \text{ cm}^4$

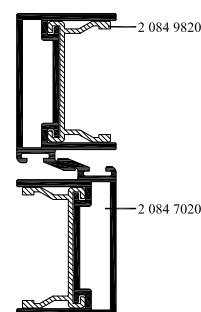
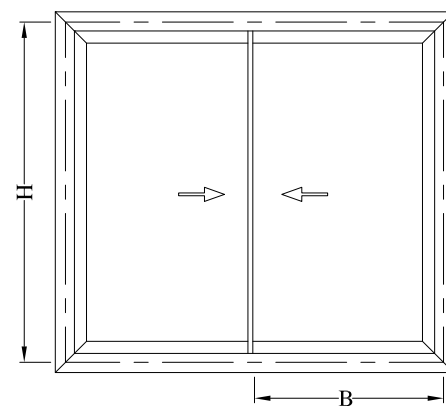
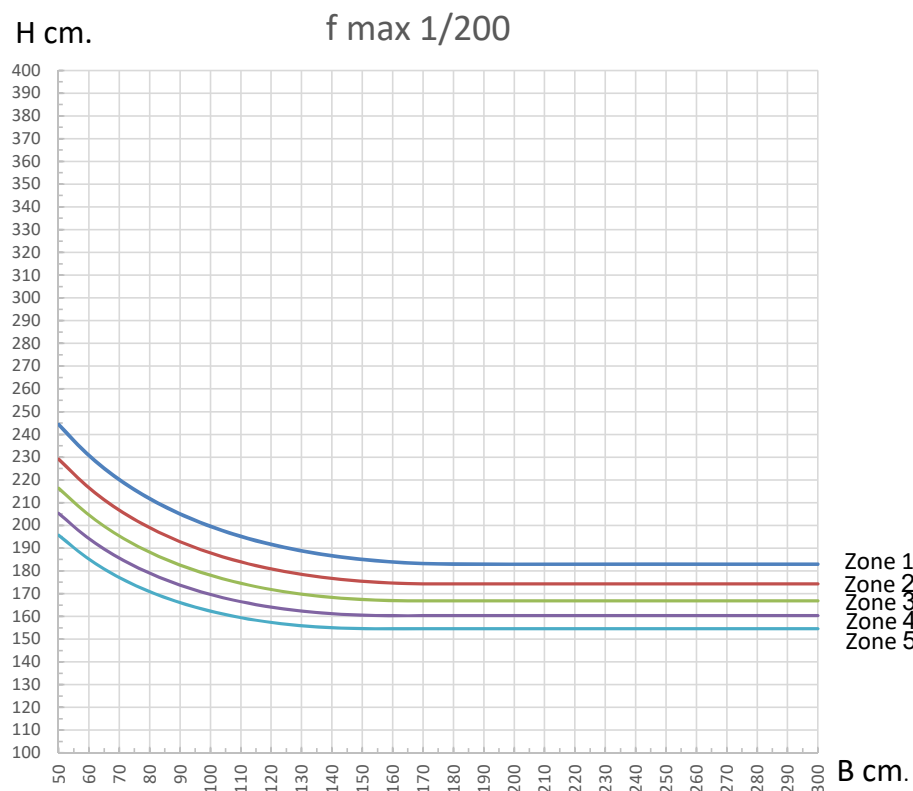
H cm. $f \max 1/200$



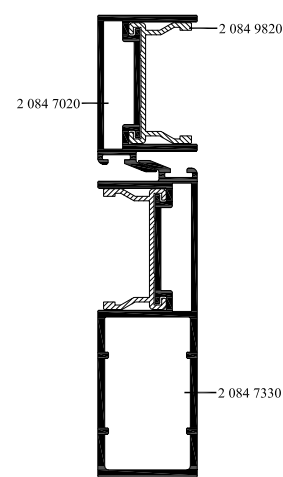
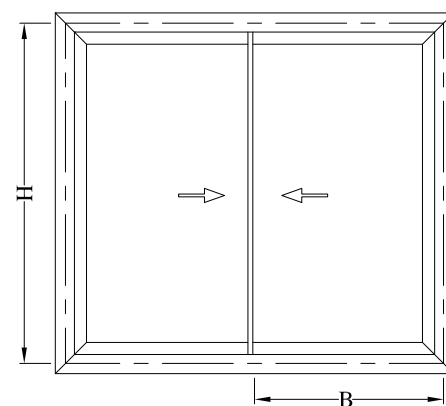
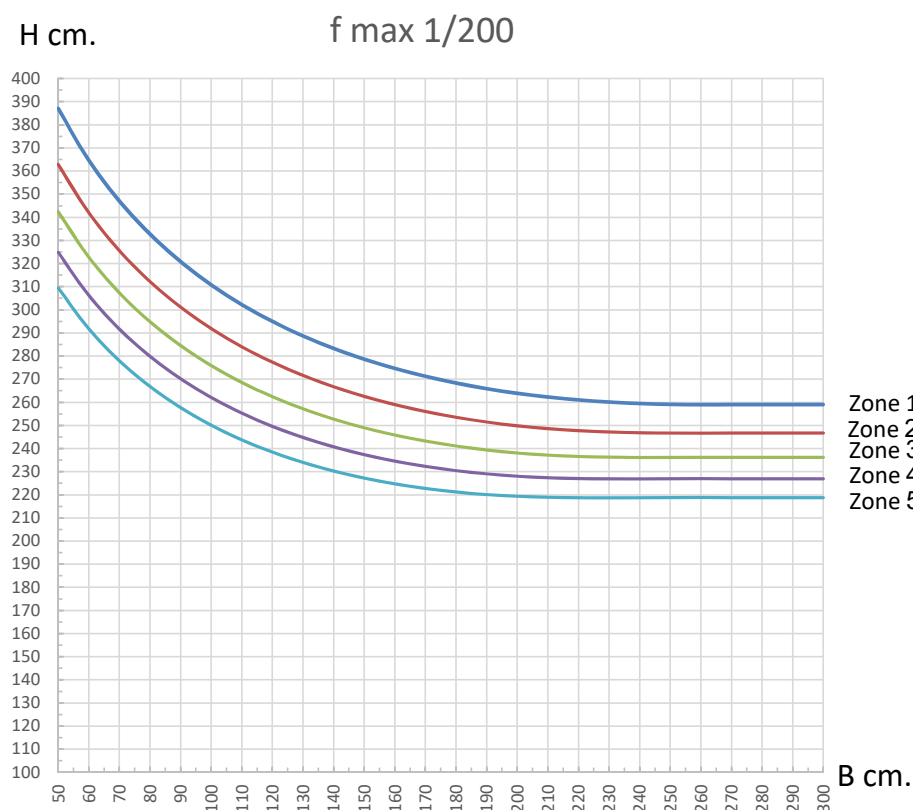
Zone 1
Zone 2
Zone 3
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Zone 5



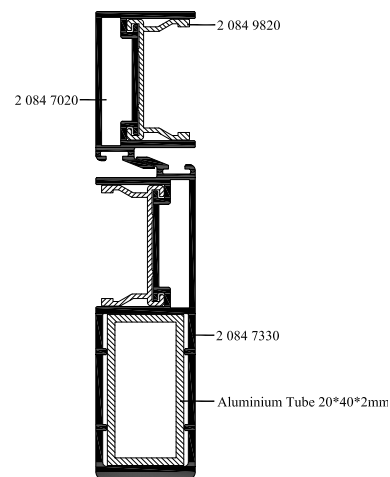
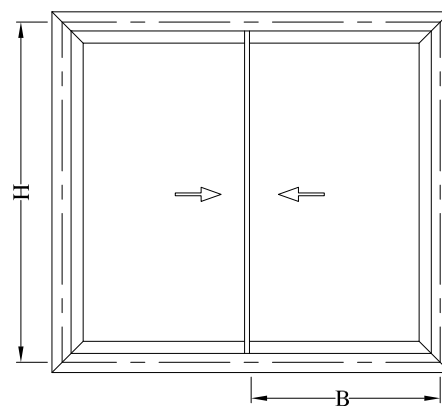
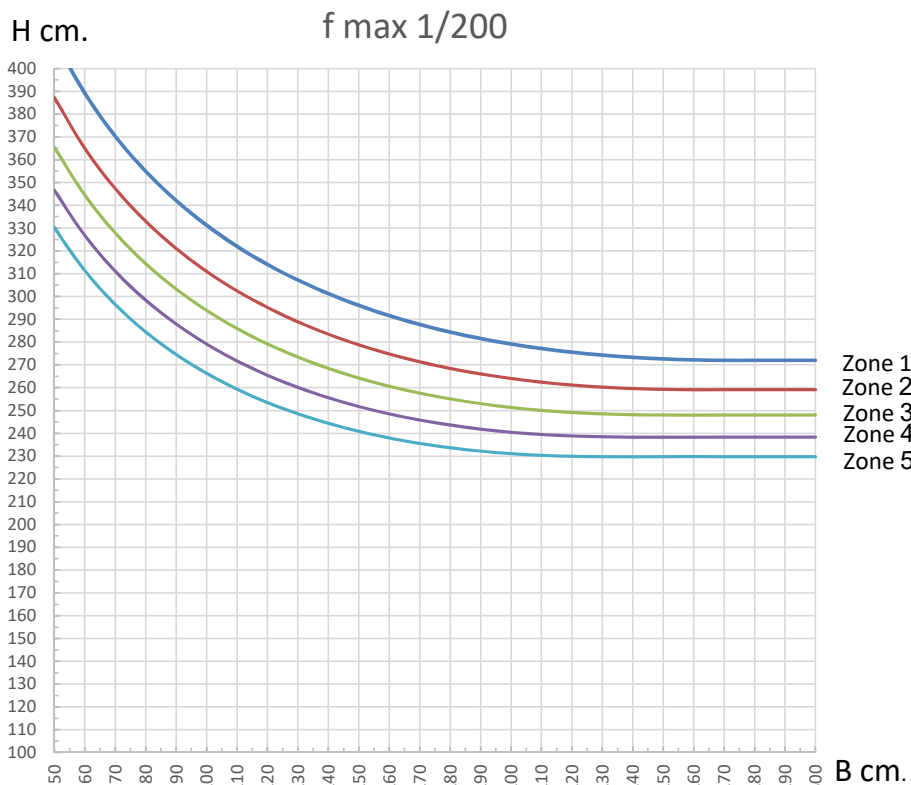
$I_x = 87.15 \text{ cm}^4$



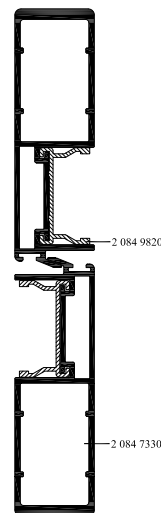
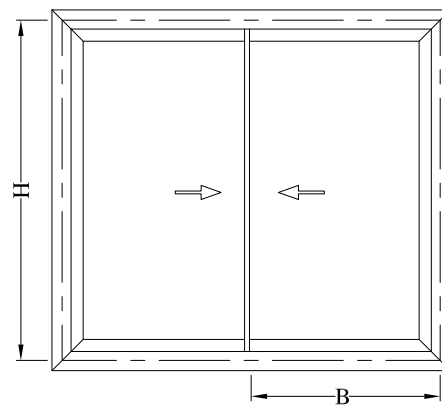
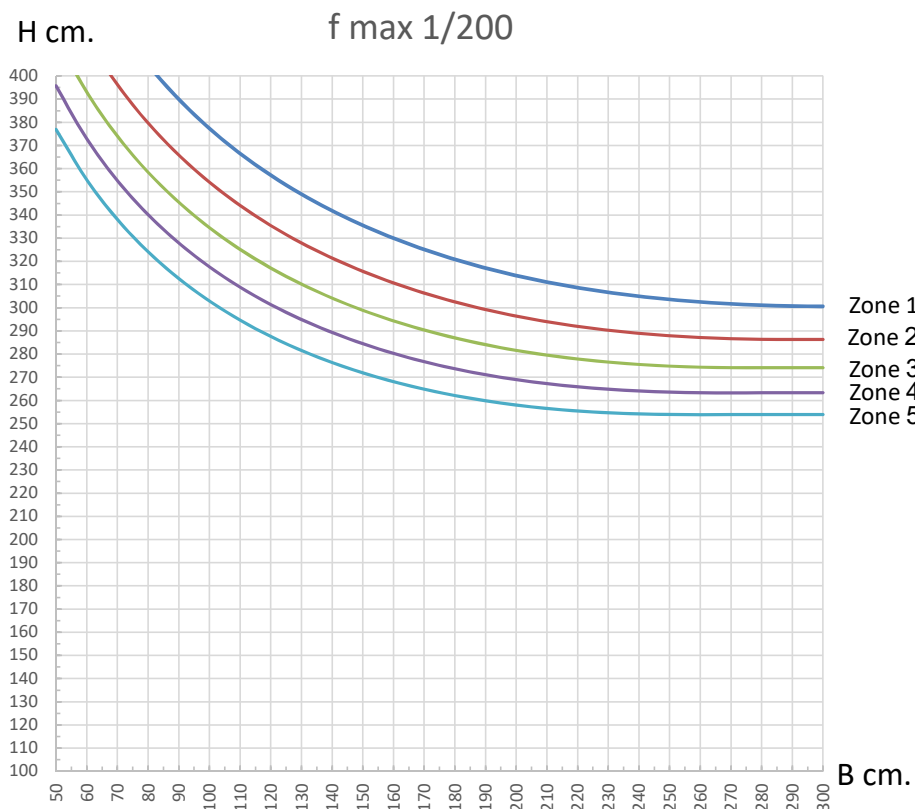
$$I_x = 11.95 \text{ cm}^4$$



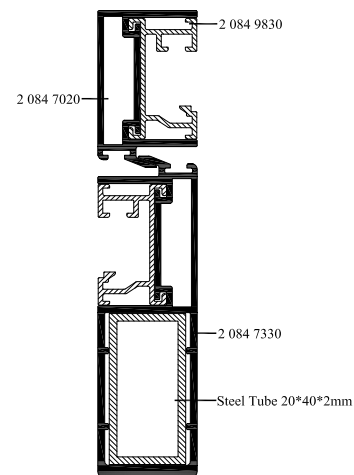
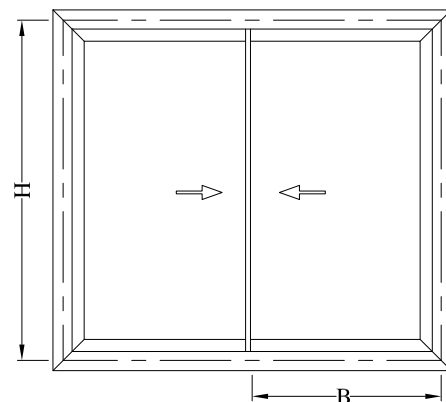
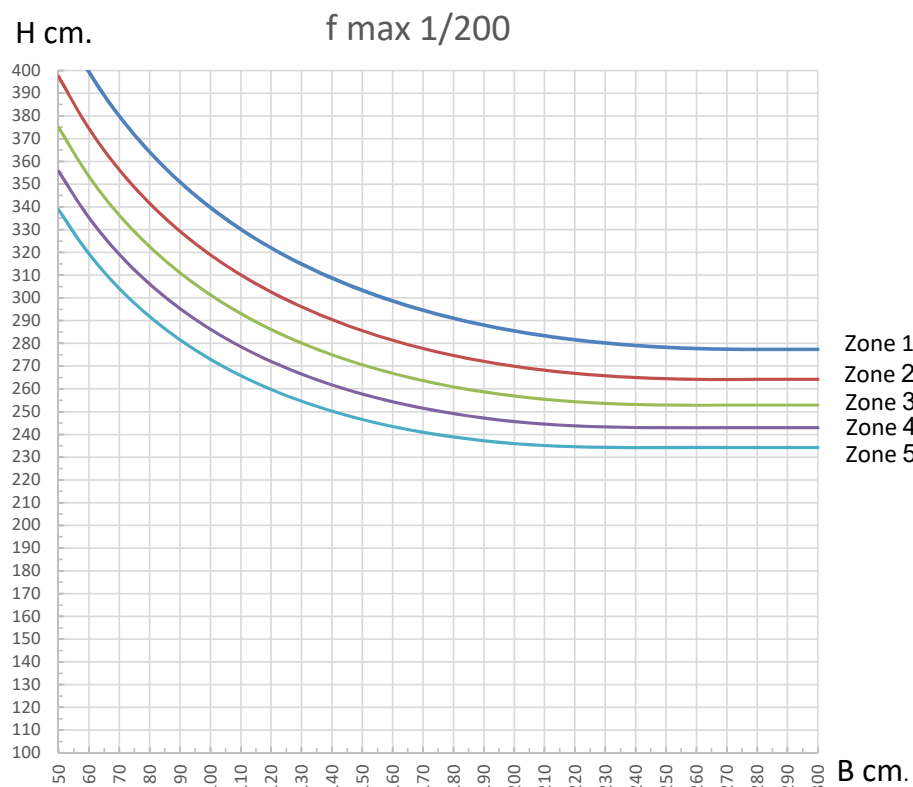
$$I_x = 47.98 \text{ cm}^4$$



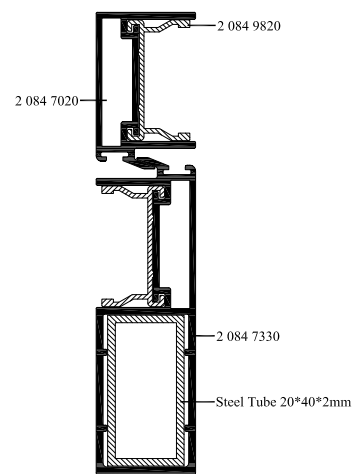
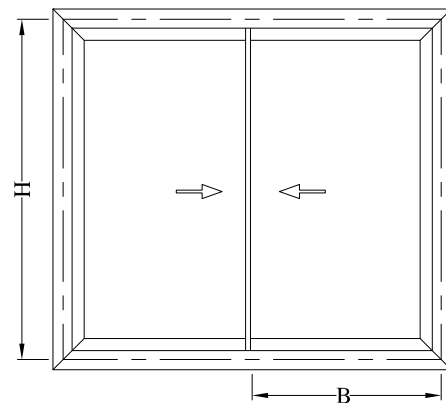
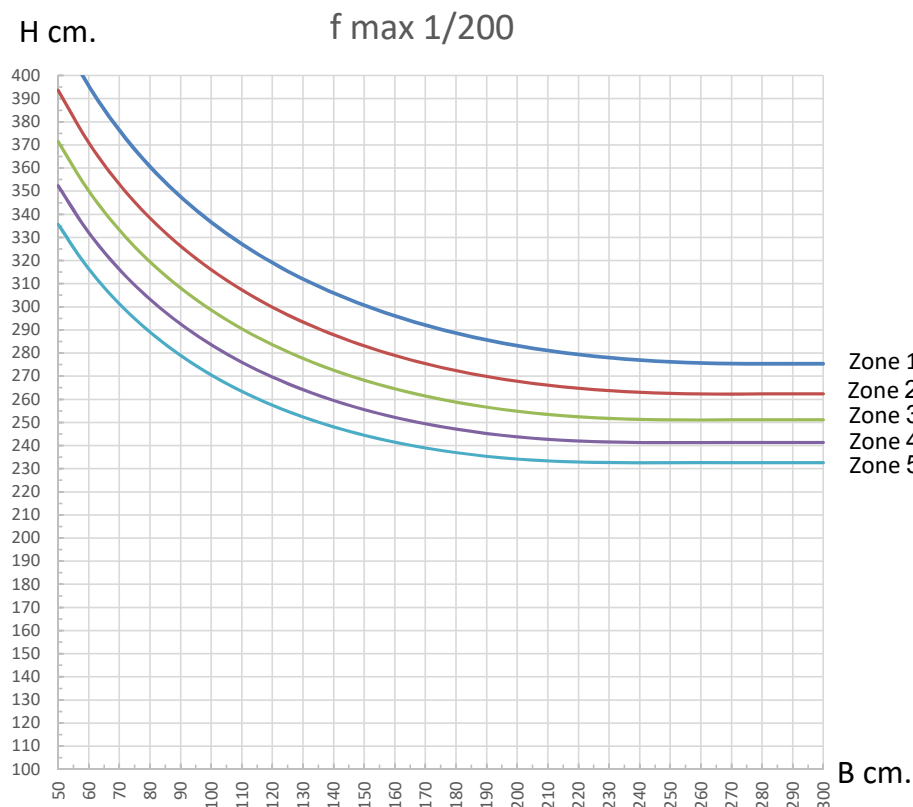
$$I_x = 58.39 \text{ cm}^4$$



$$I_x = 84.02 \text{ cm}^4$$



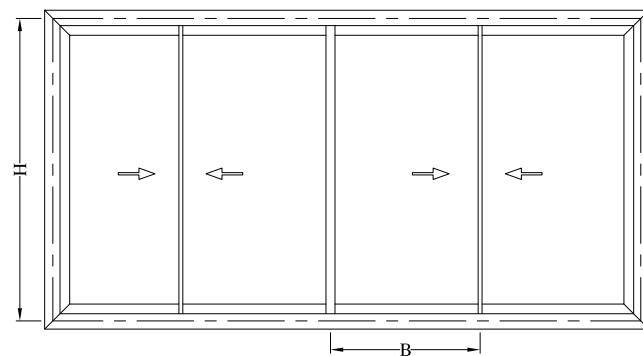
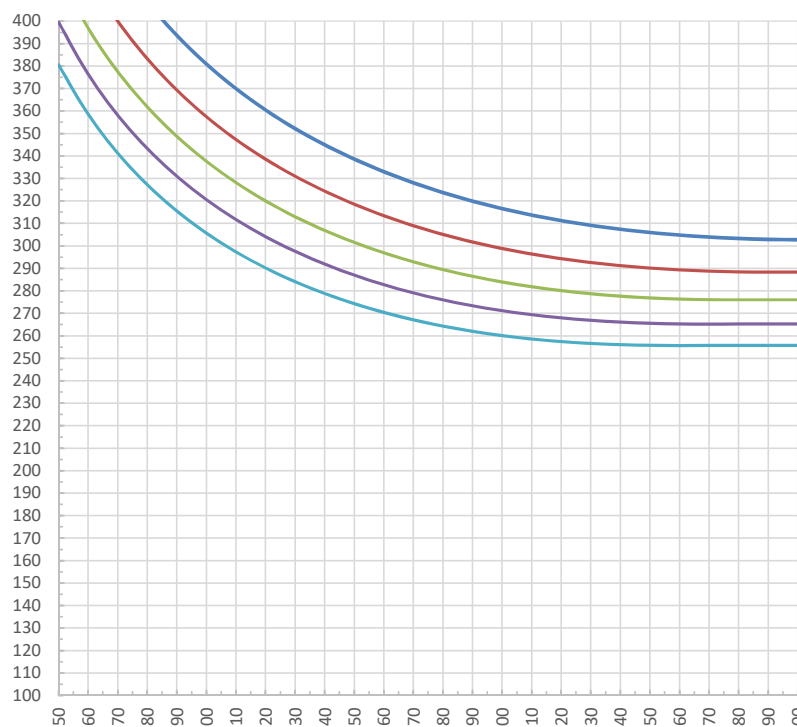
$$I_x = 63.10 \text{ cm}^4$$



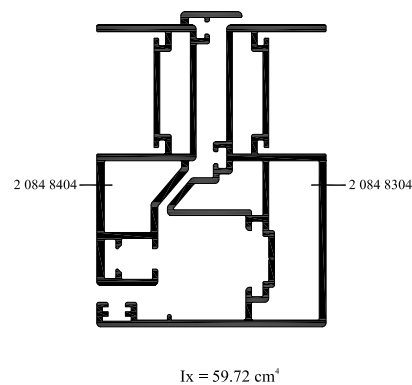
$$I_x = 61.32 \text{ cm}^4$$



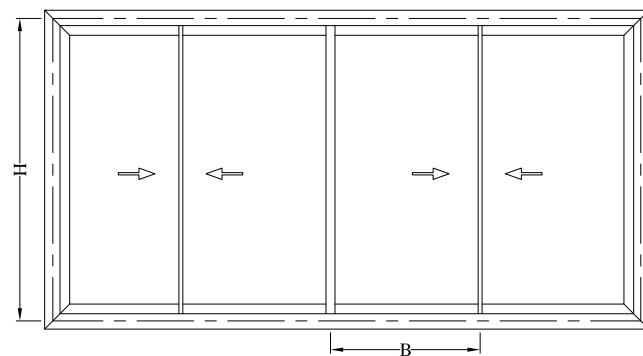
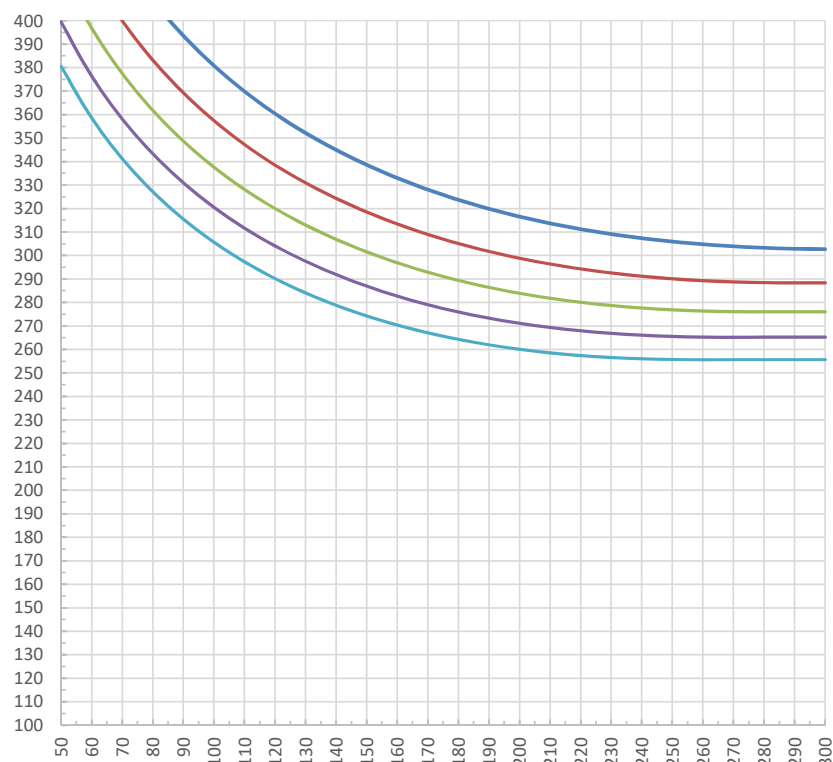
H cm. $f_{\max} 1/200$



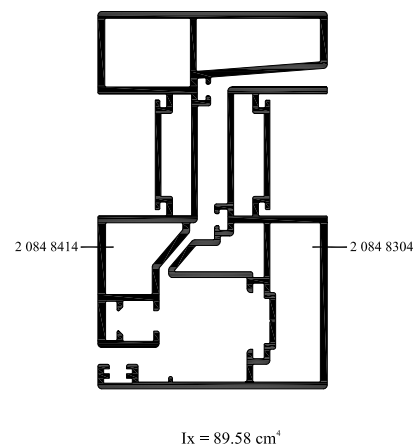
Zone 1
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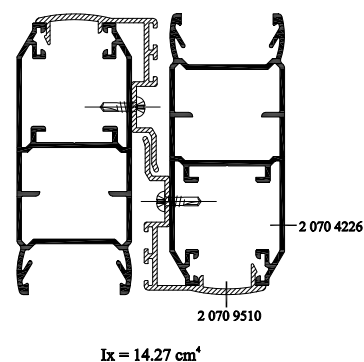
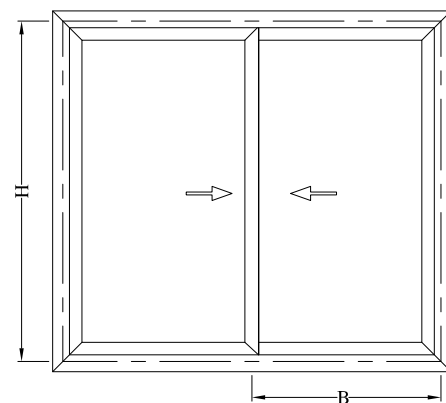
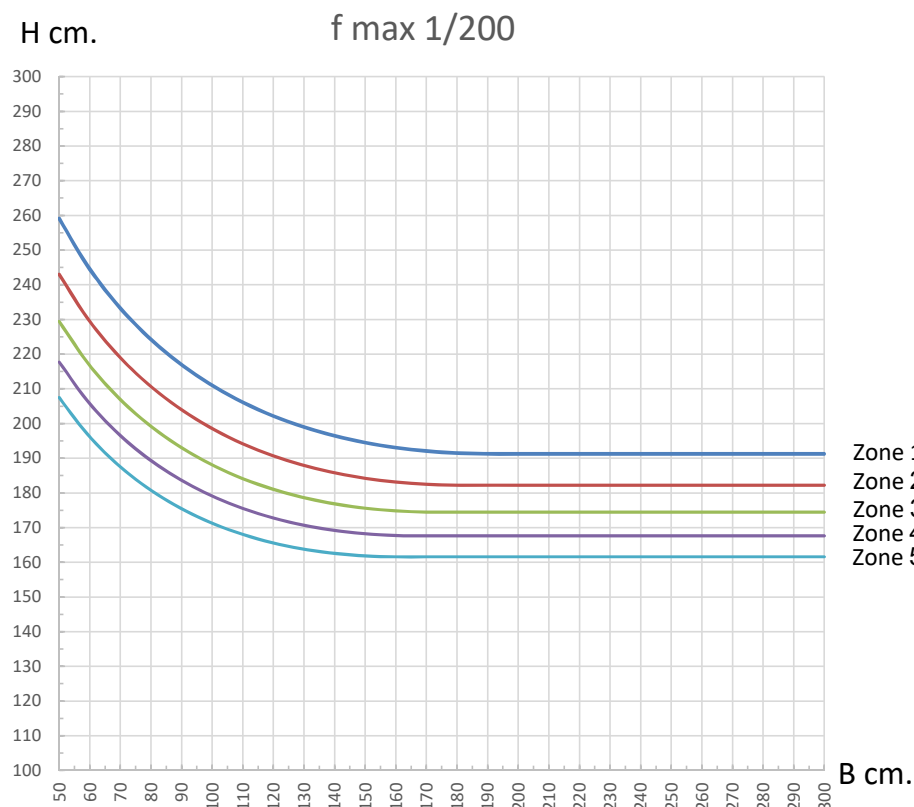
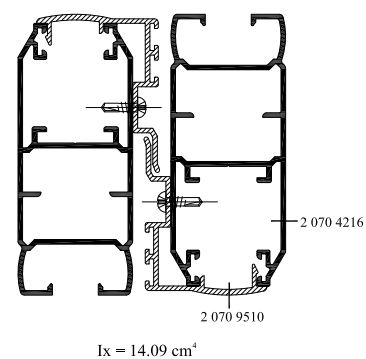
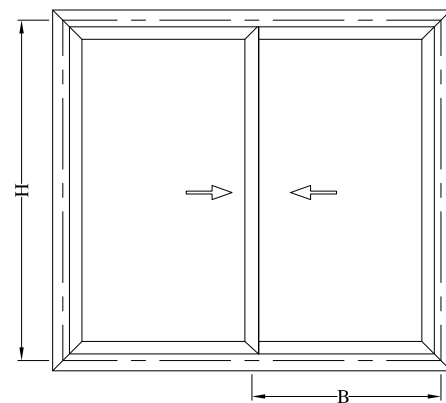
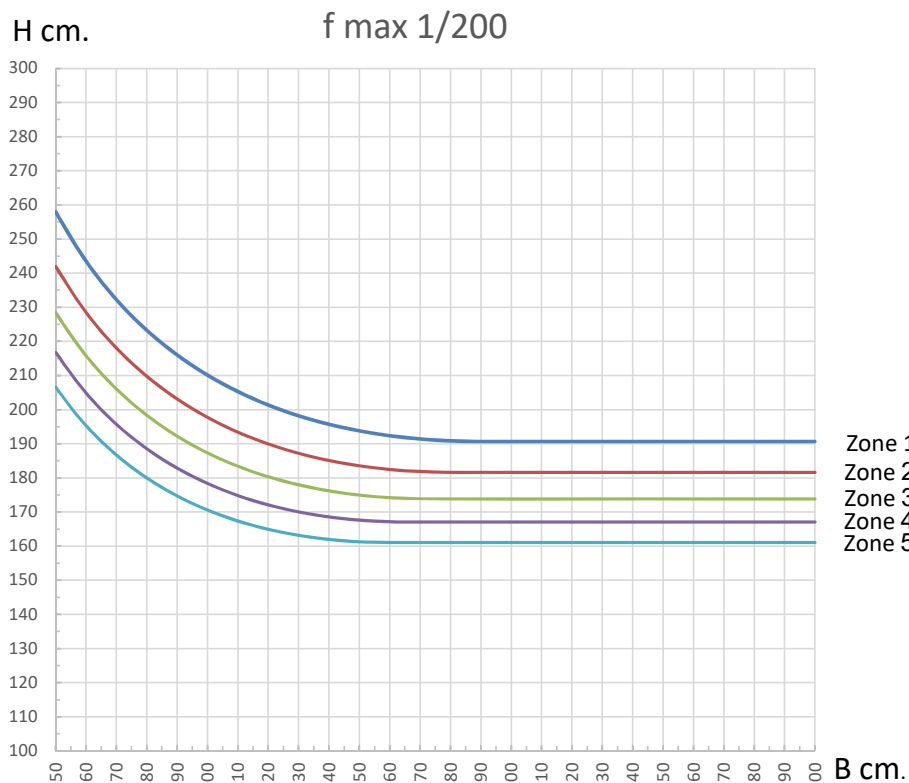
H cm. $f_{\max} 1/200$

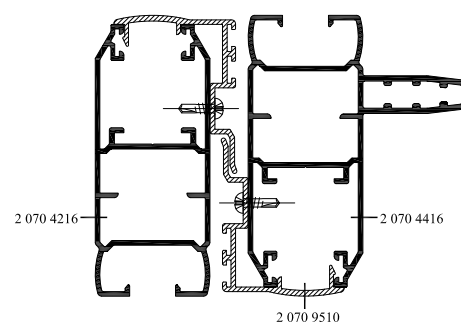
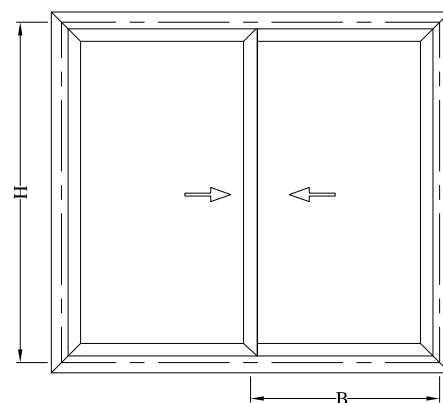
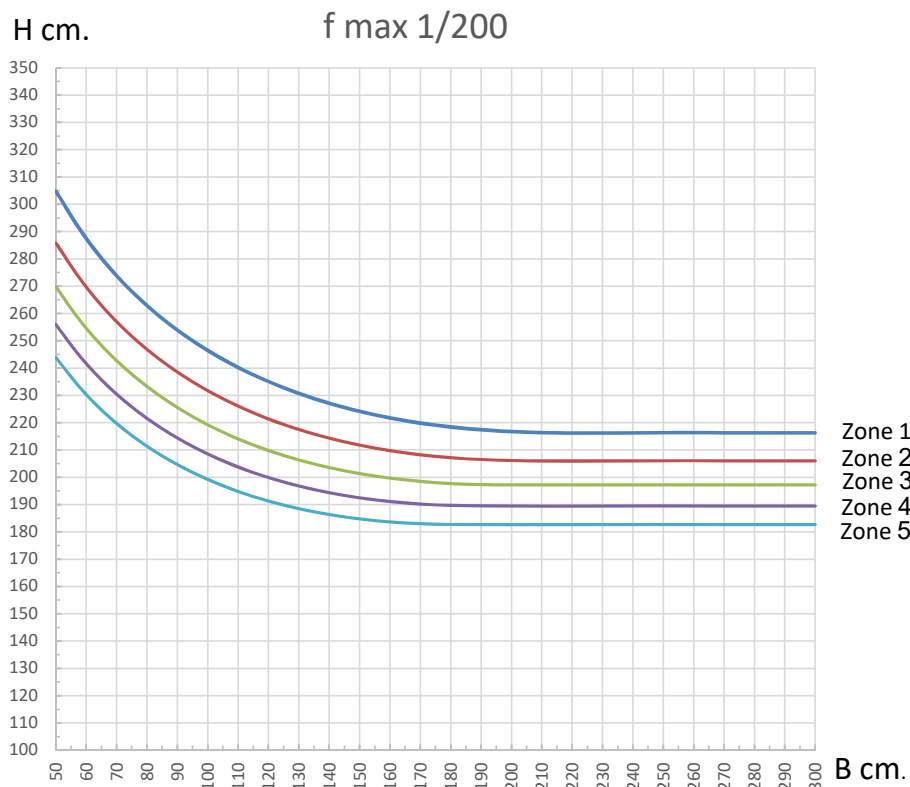


Zone 1
Zone 2
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Zone 5

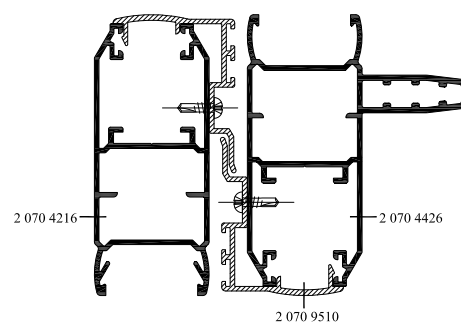
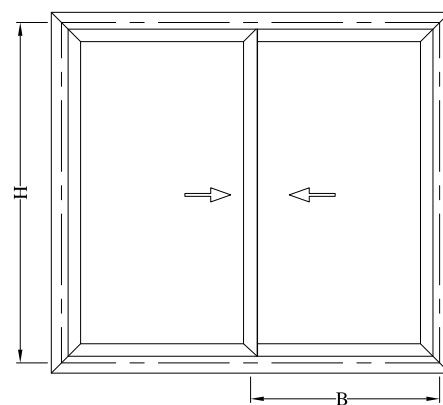
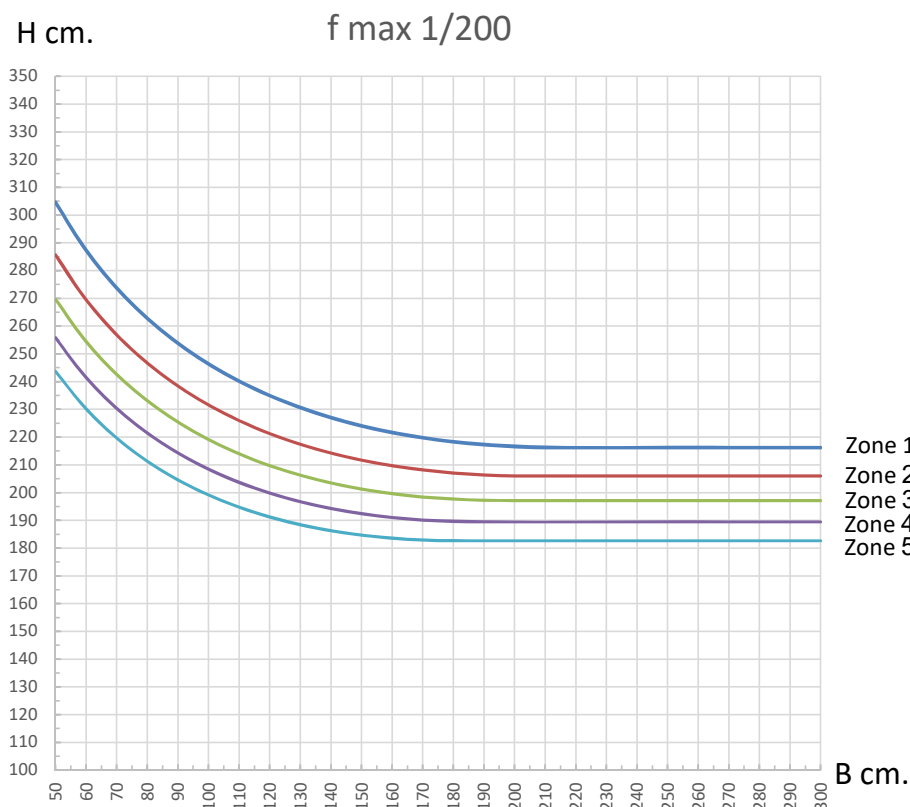


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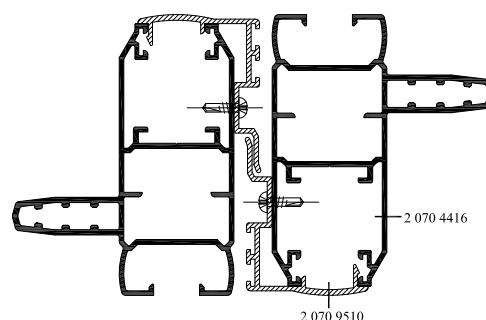
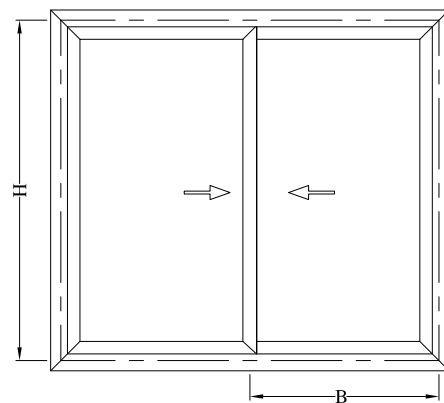
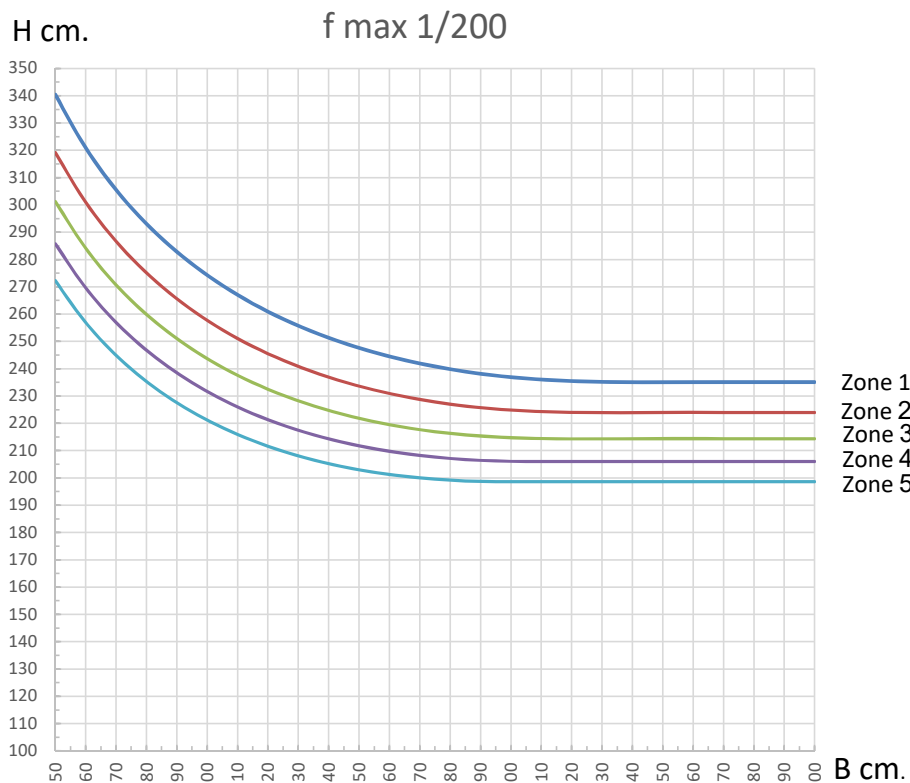




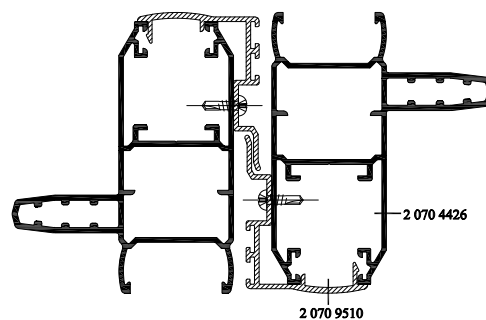
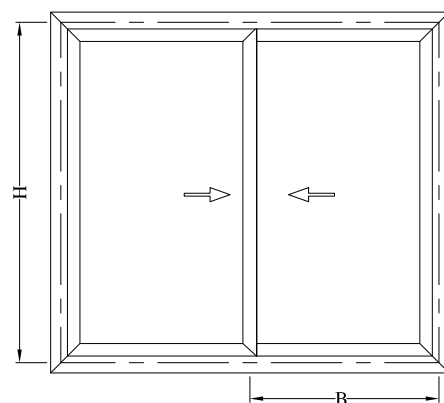
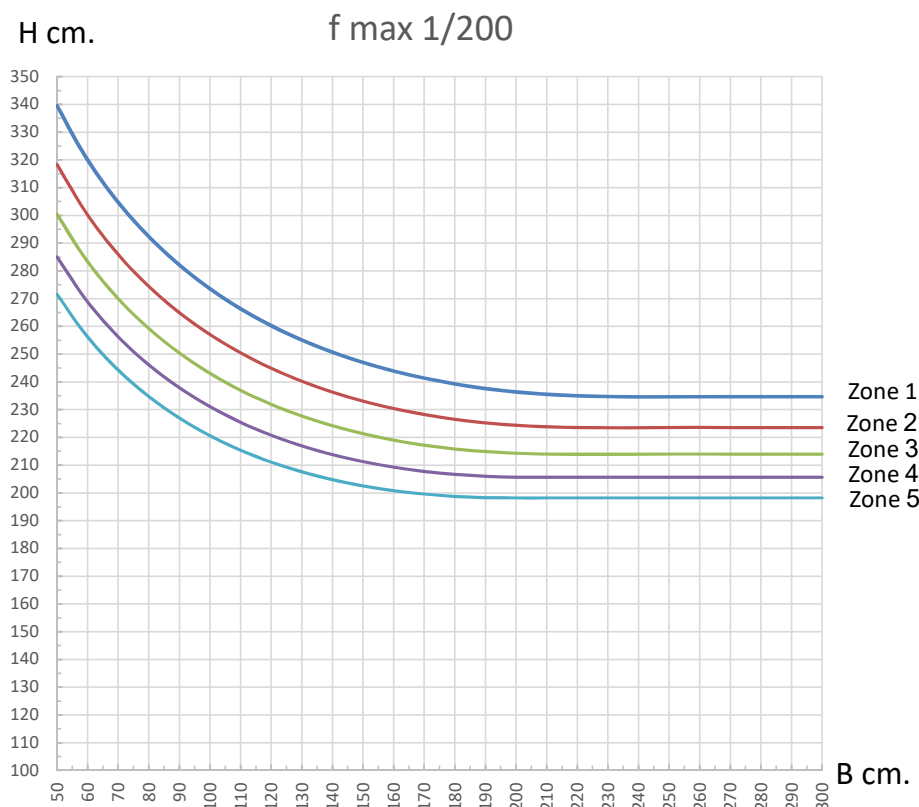
$I_x = 23.34 \text{ cm}^4$



$I_x = 23.30 \text{ cm}^4$



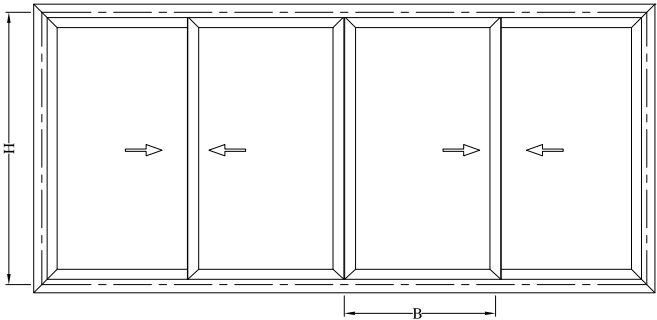
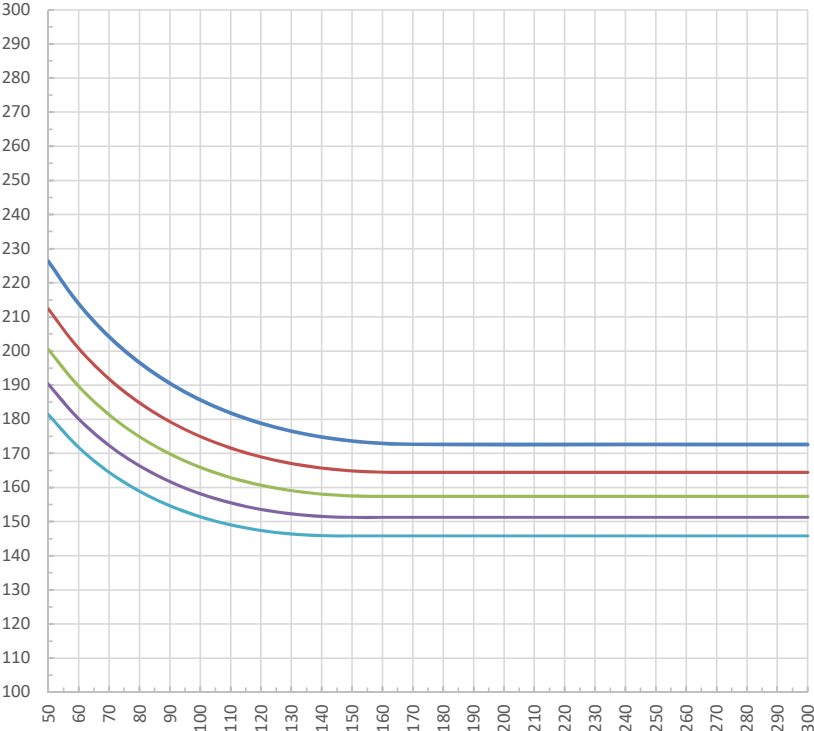
$$I_x = 32.58 \text{ cm}^4$$



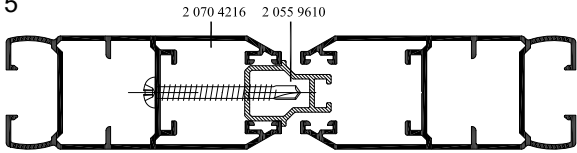
$$I_x = 32.32 \text{ cm}^4$$



H cm. f max 1/200



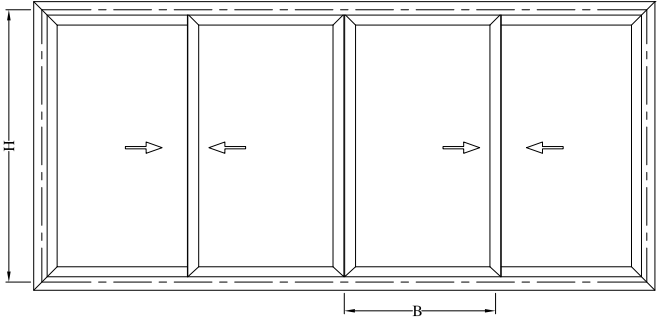
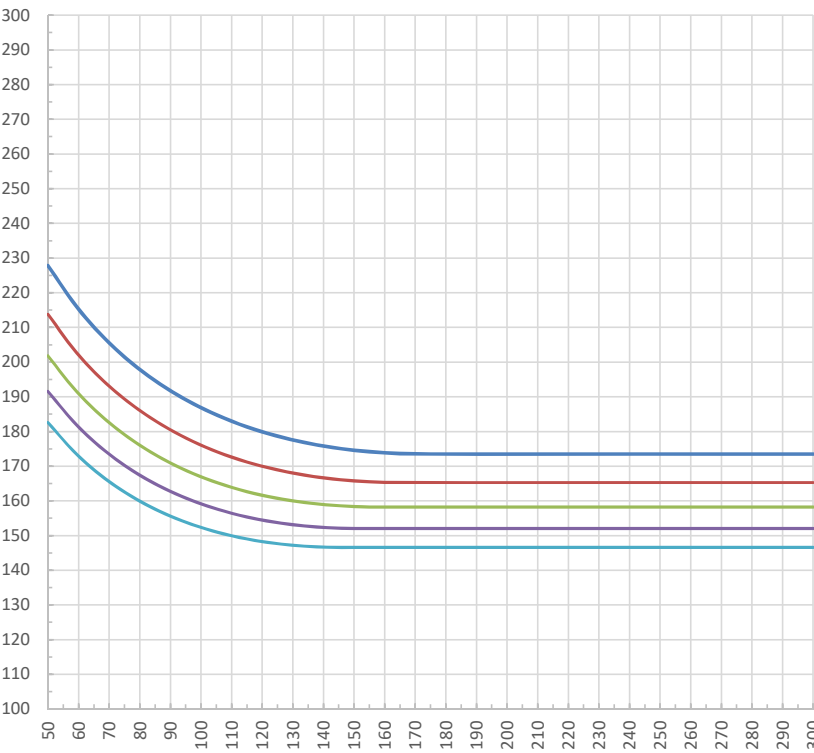
Zone 1
Zone 2
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Zone 4
Zone 5



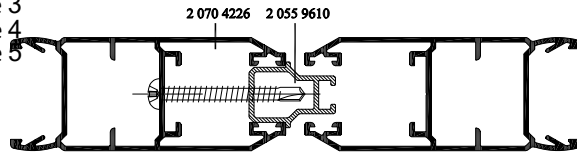
B cm.

$I_x = 9,47 \text{ cm}^4$

H cm. f max 1/200

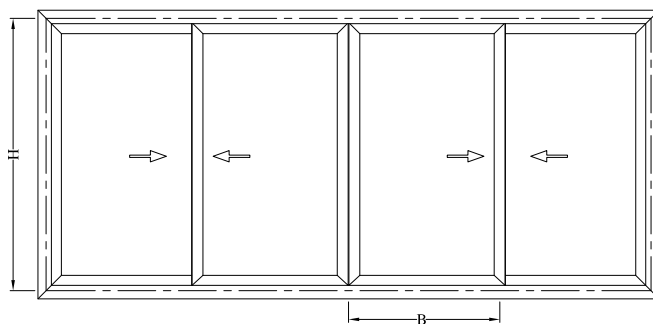
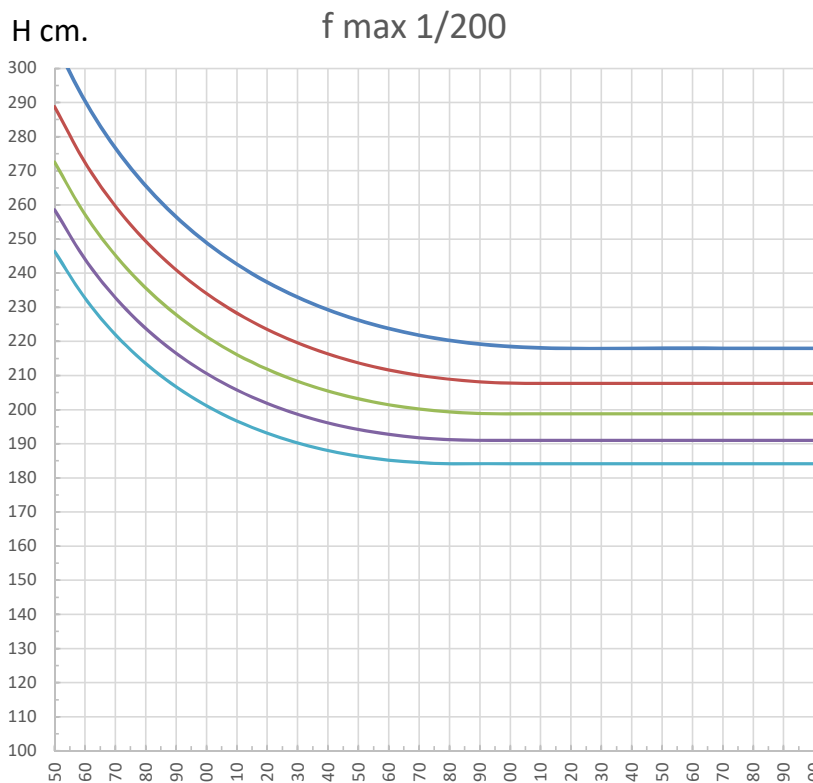


Zone 1
Zone 2
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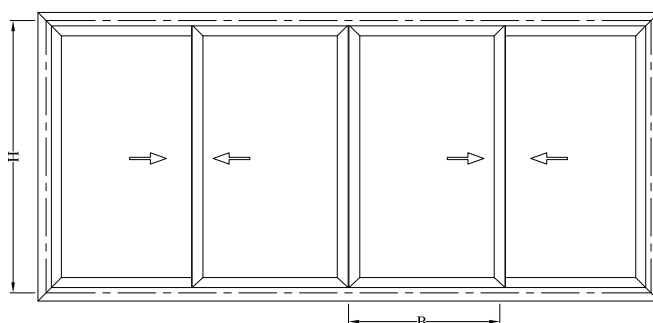
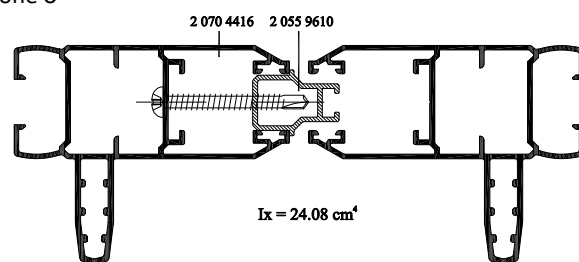


B cm.

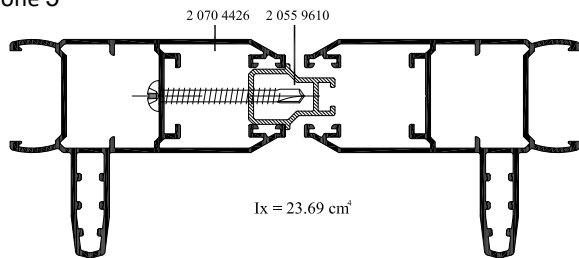
$I_x = 9,66 \text{ cm}^4$



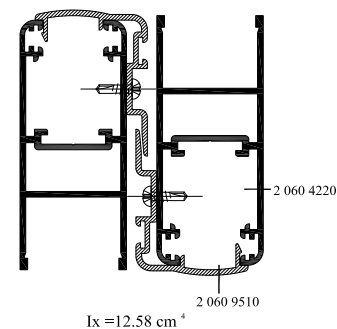
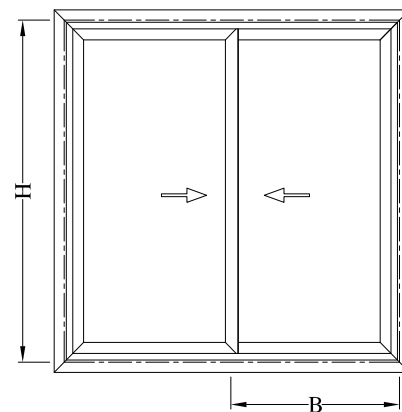
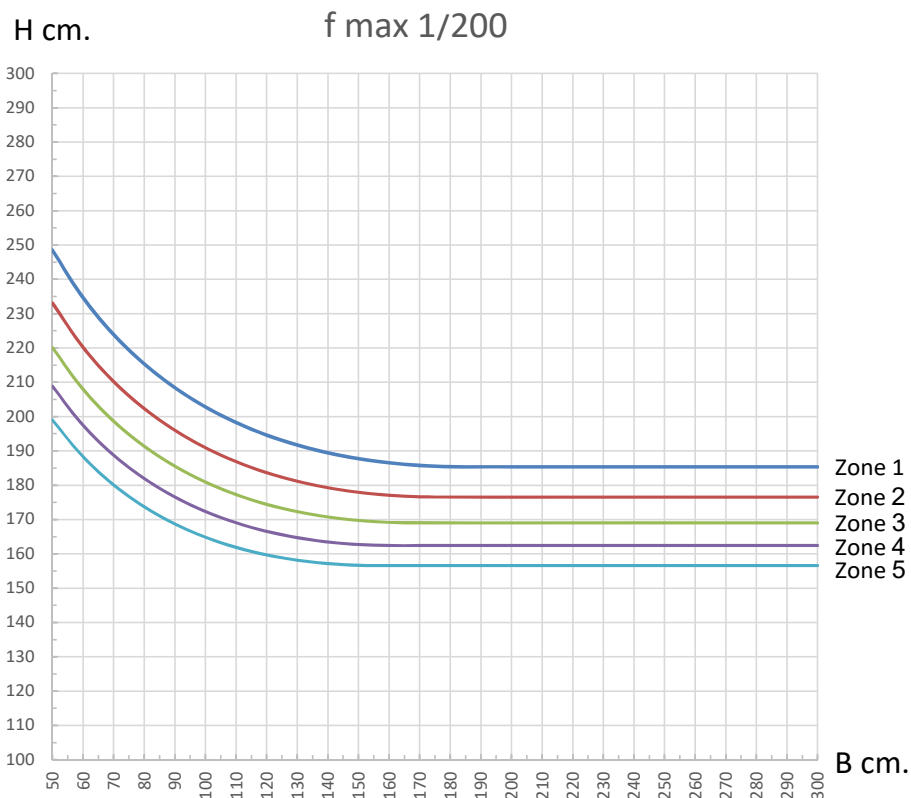
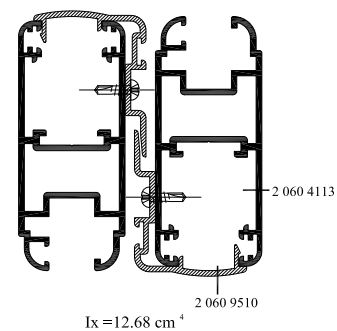
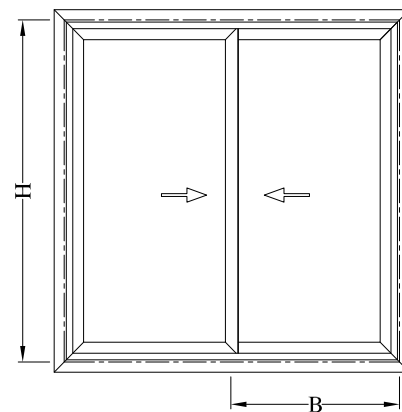
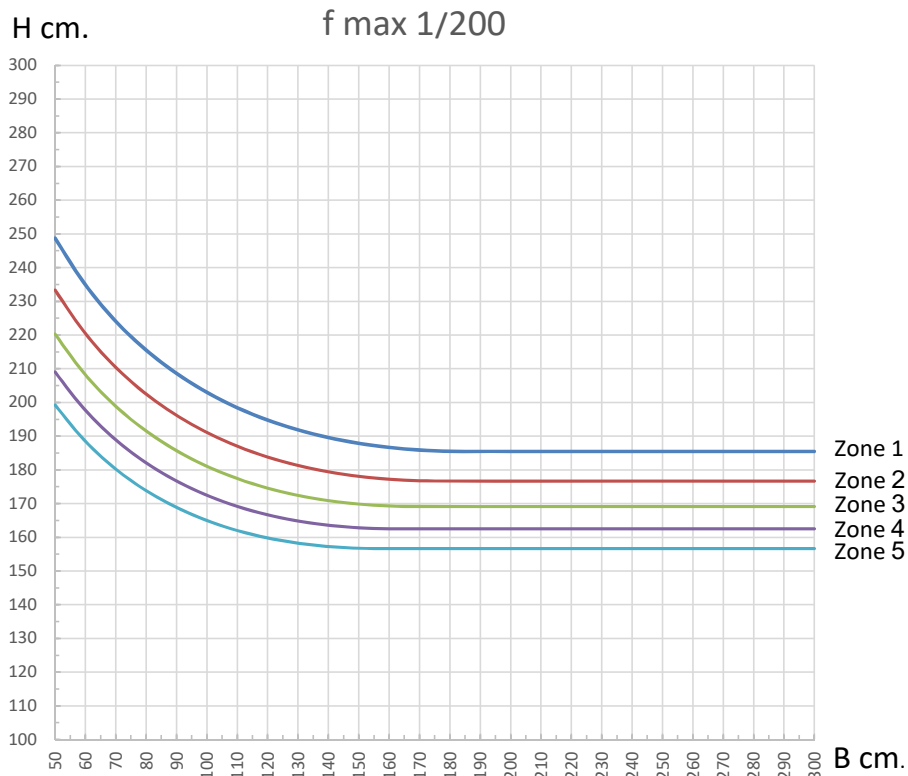
Zone 1
Zone 2
Zone 3
Zone 4
Zone 5

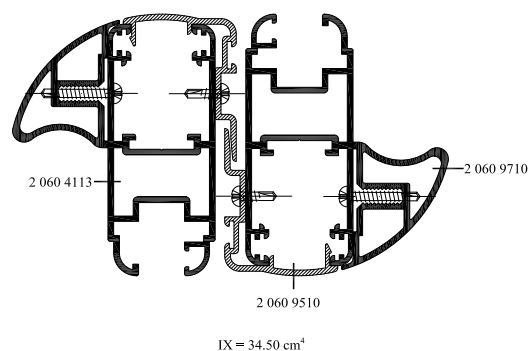
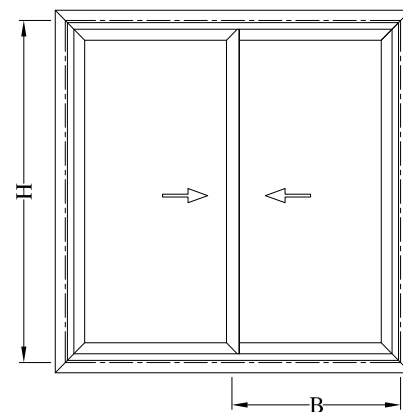
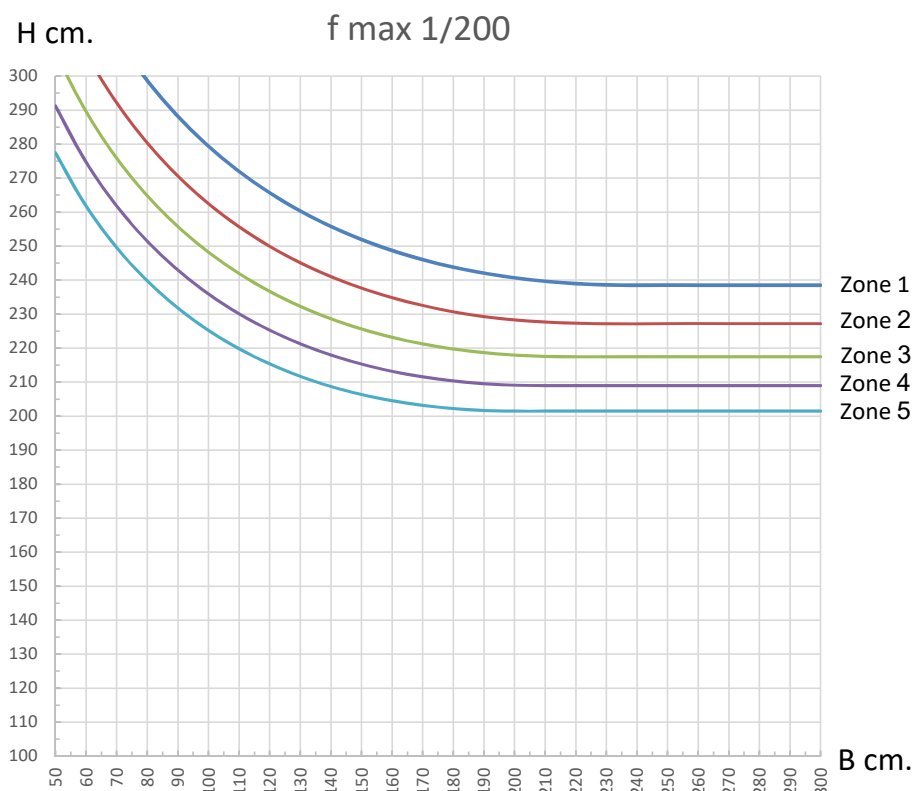
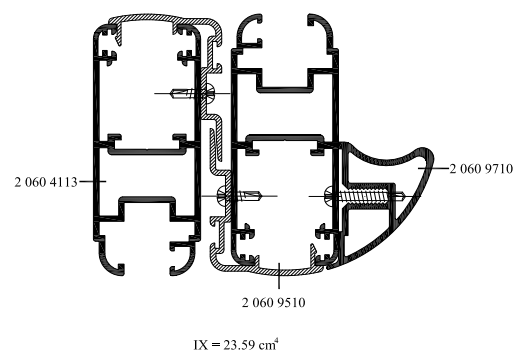
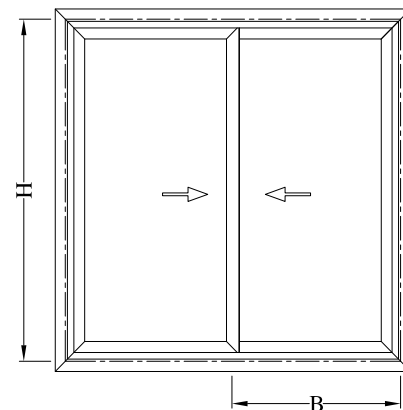
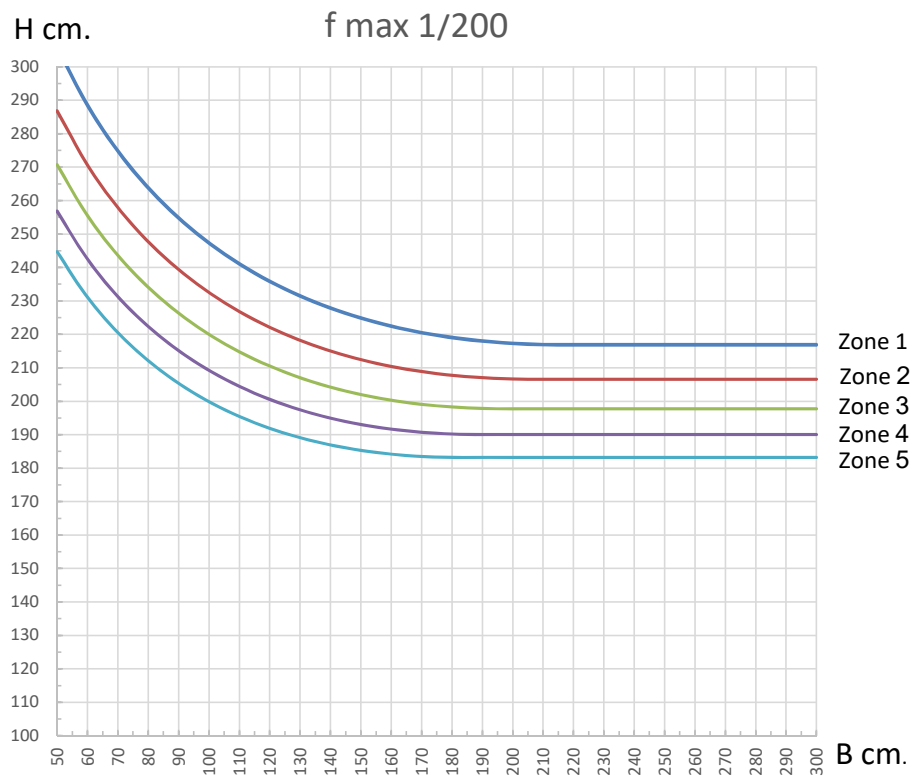


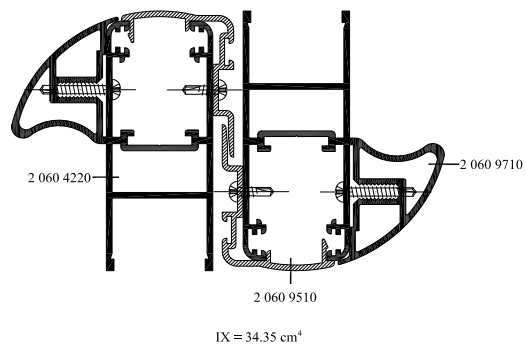
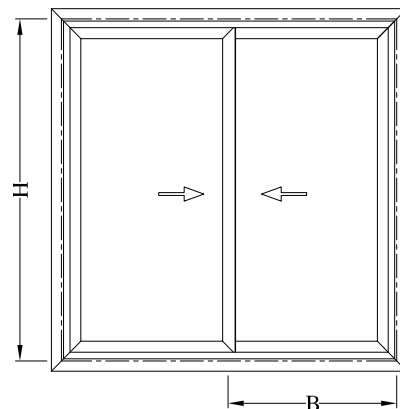
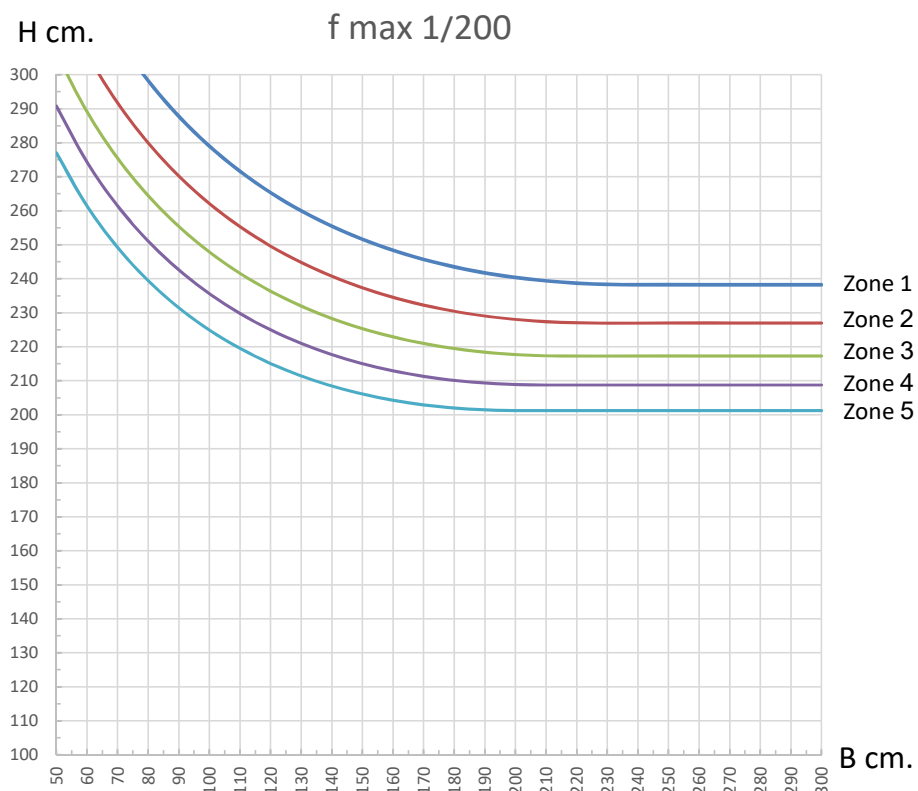
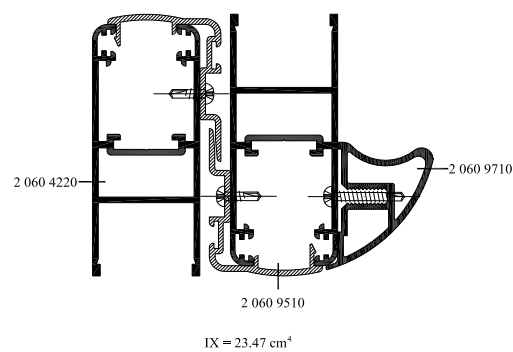
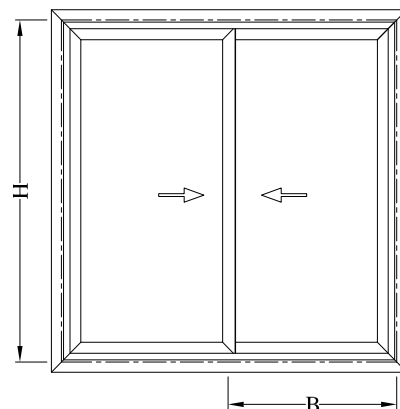
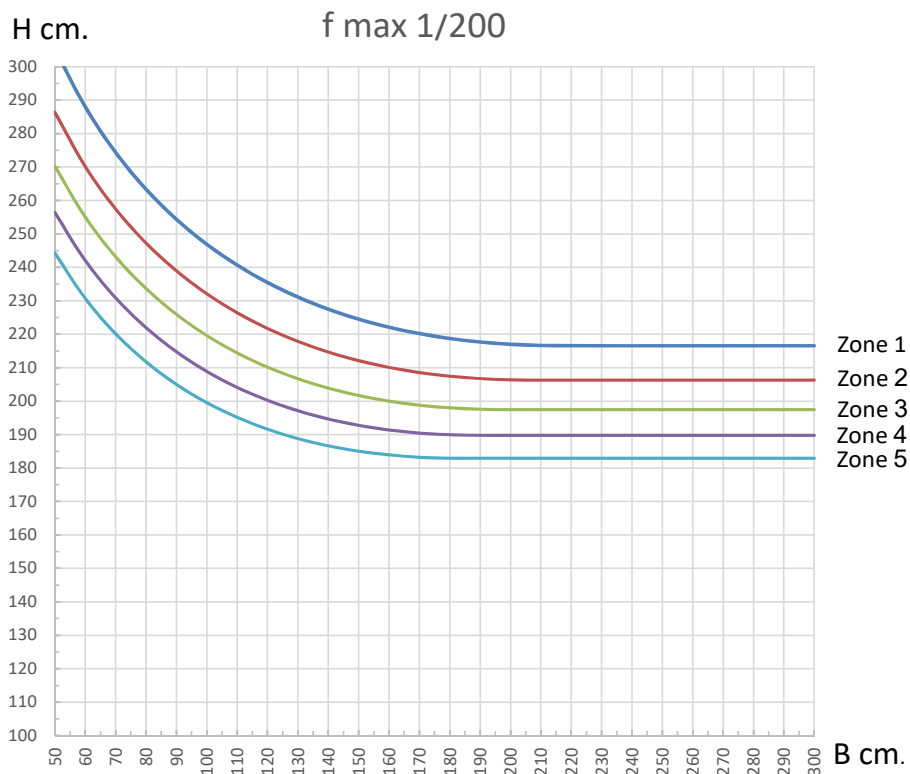
Zone 1
Zone 2
Zone 3
Zone 4
Zone 5

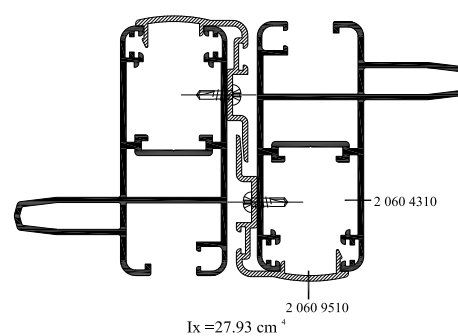
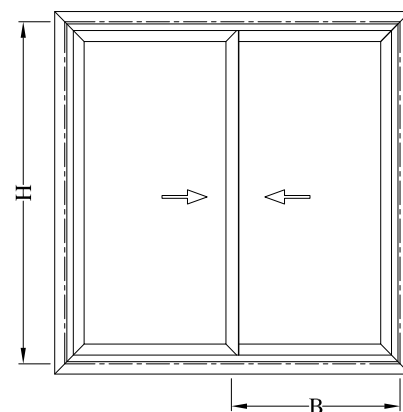
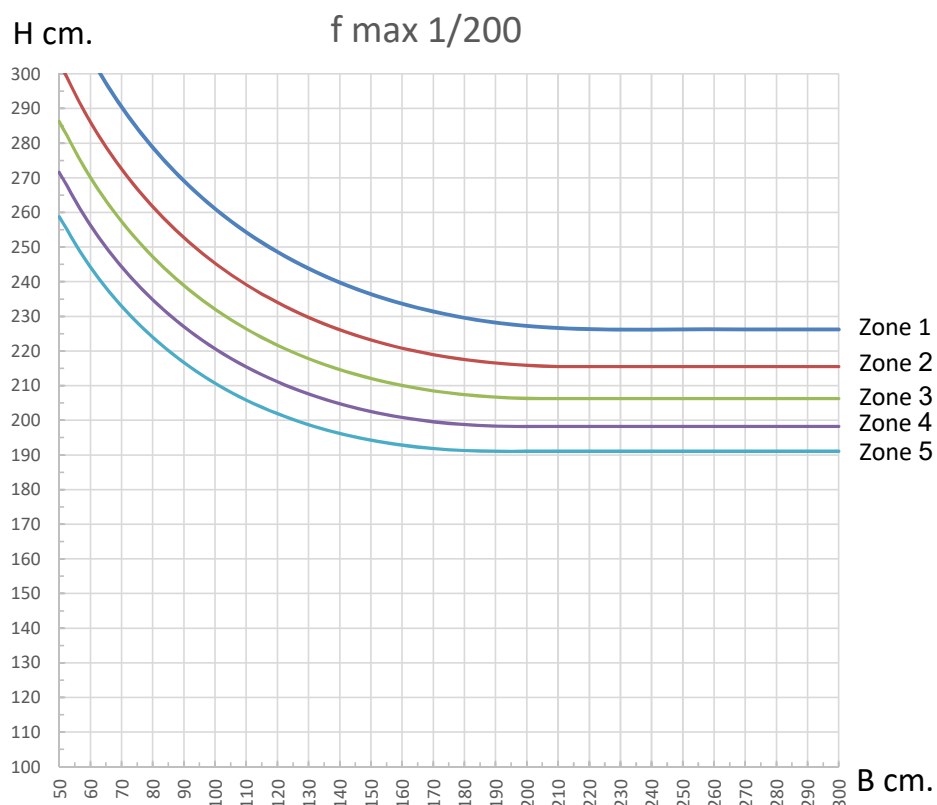
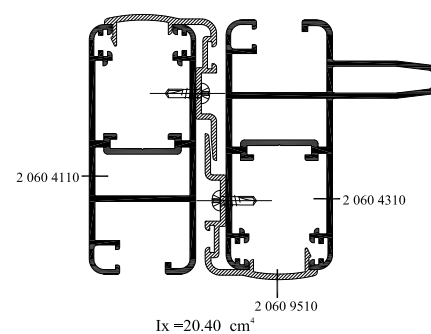
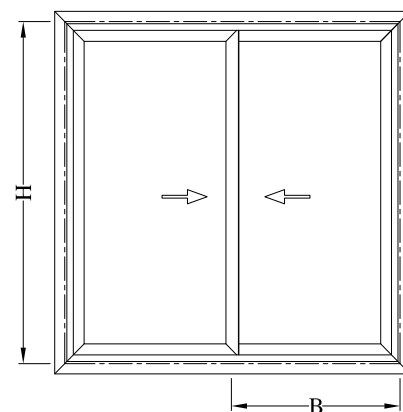
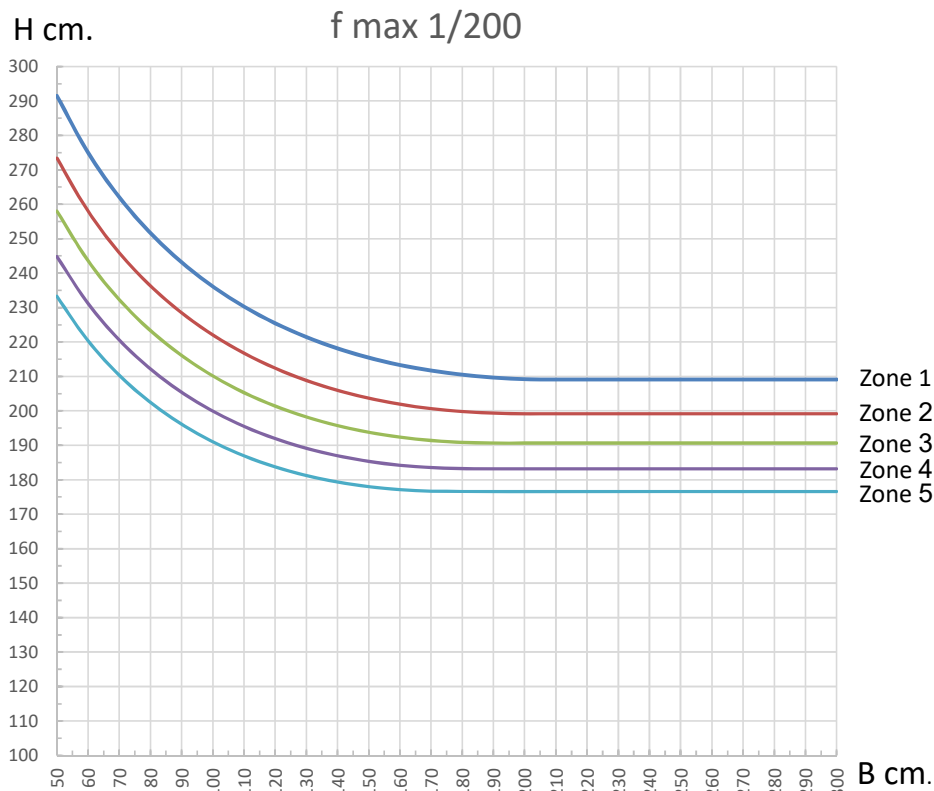


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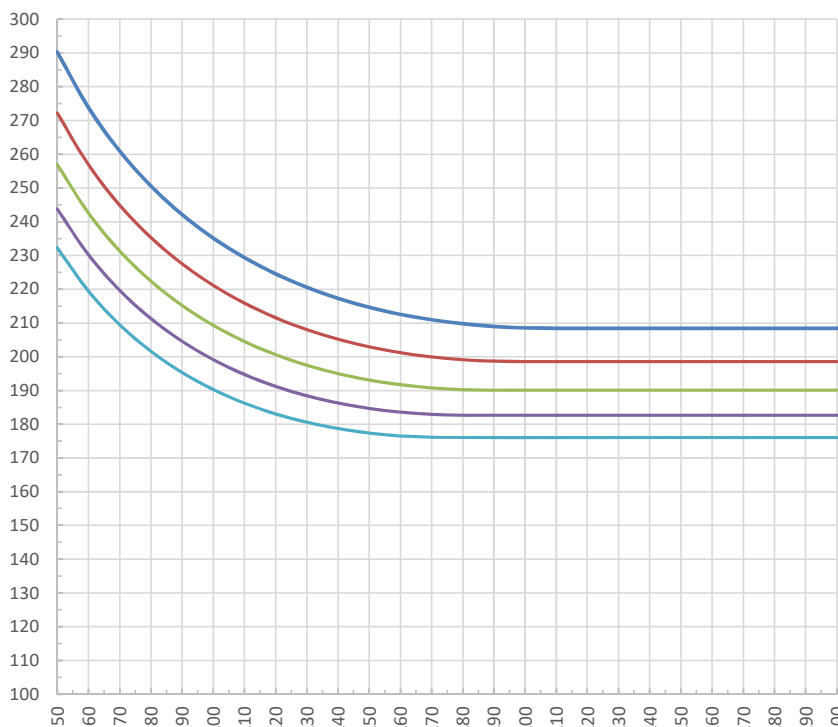




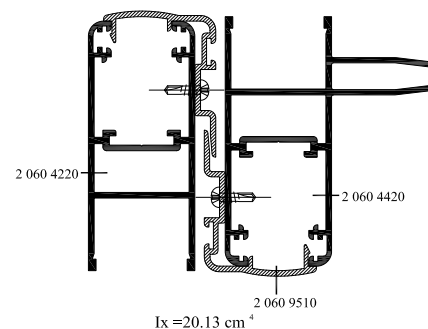
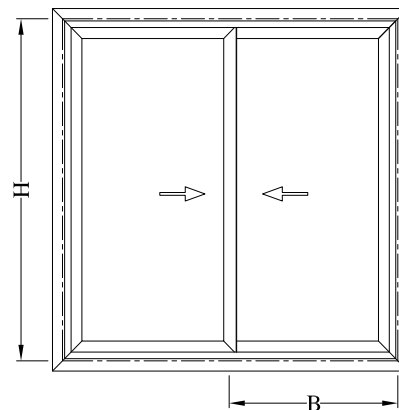




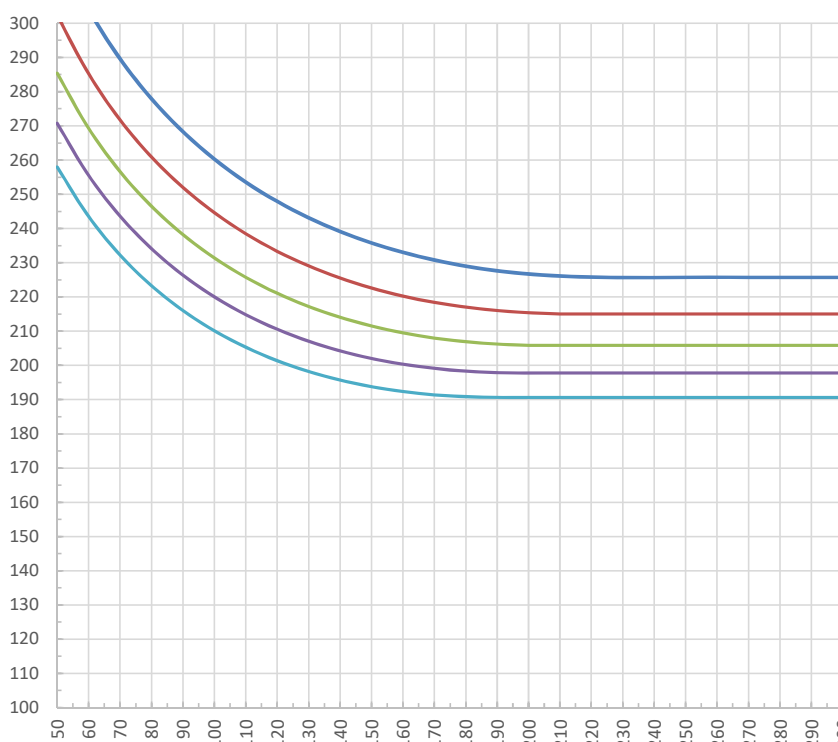
H cm. $f \max 1/200$



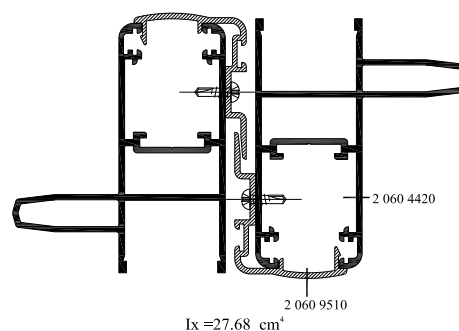
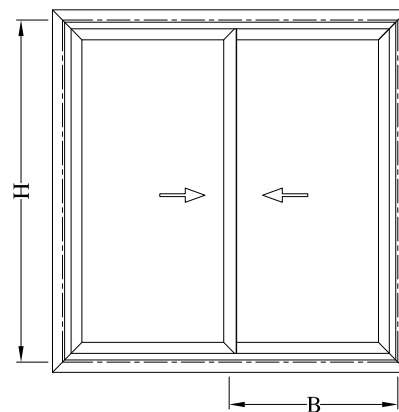
Zone 1
Zone 2
Zone 3
Zone 4
Zone 5



H cm. $f \max 1/200$

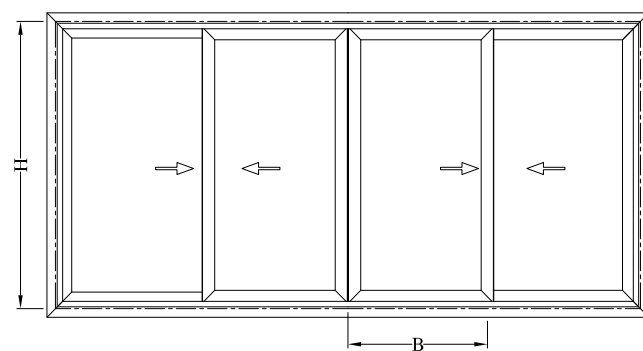
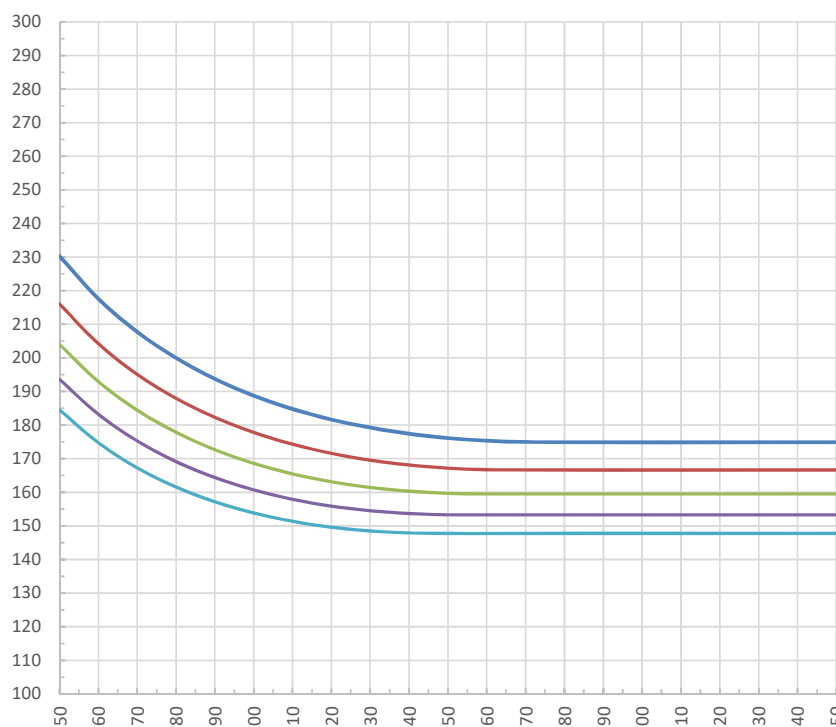


Zone 1
Zone 2
Zone 3
Zone 4
Zone 5

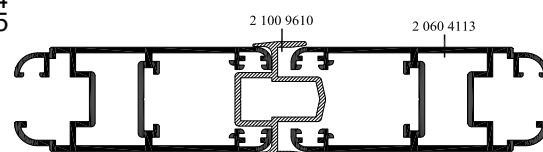




H cm. f max 1/200



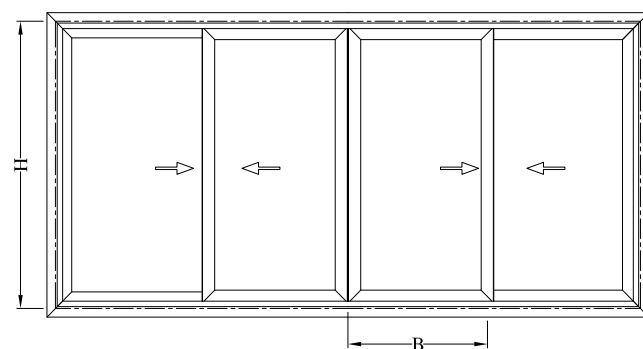
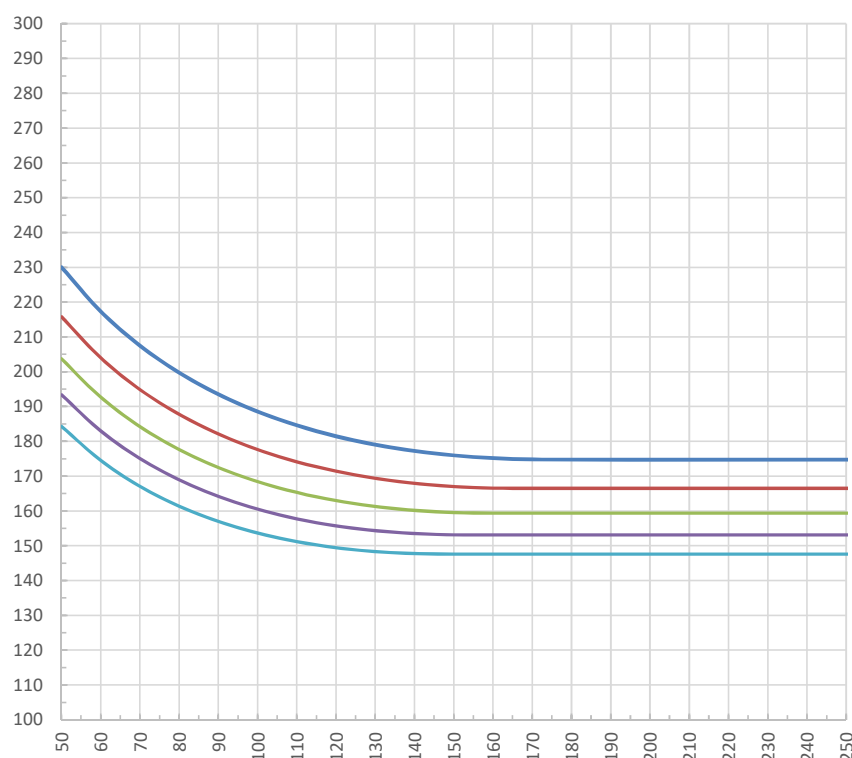
Zone 1
Zone 2
Zone 3
Zone 4
Zone 5



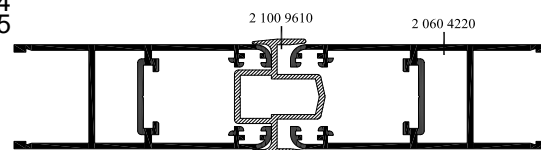
B cm.

$$I_x = 9.99 \text{ cm}^4$$

H cm. f max 1/200



Zone 1
Zone 2
Zone 3
Zone 4
Zone 5

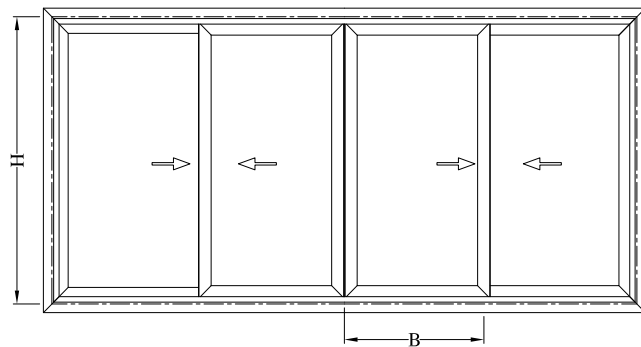
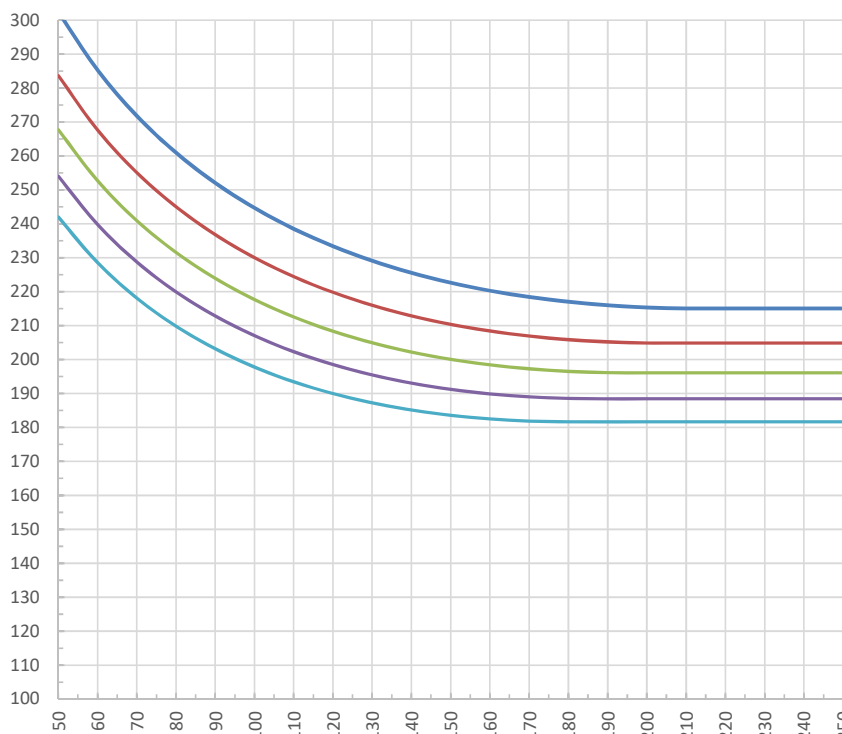


B cm.

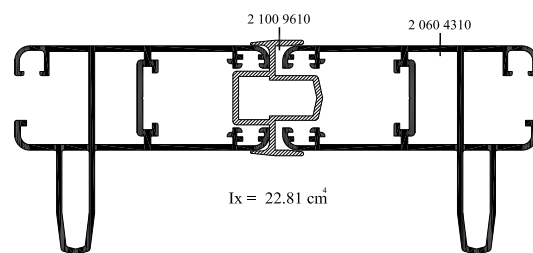
$$I_x = 9.95 \text{ cm}^4$$



H cm. $f \max 1/200$

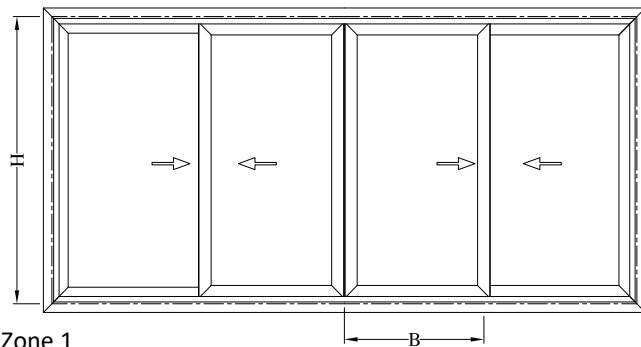
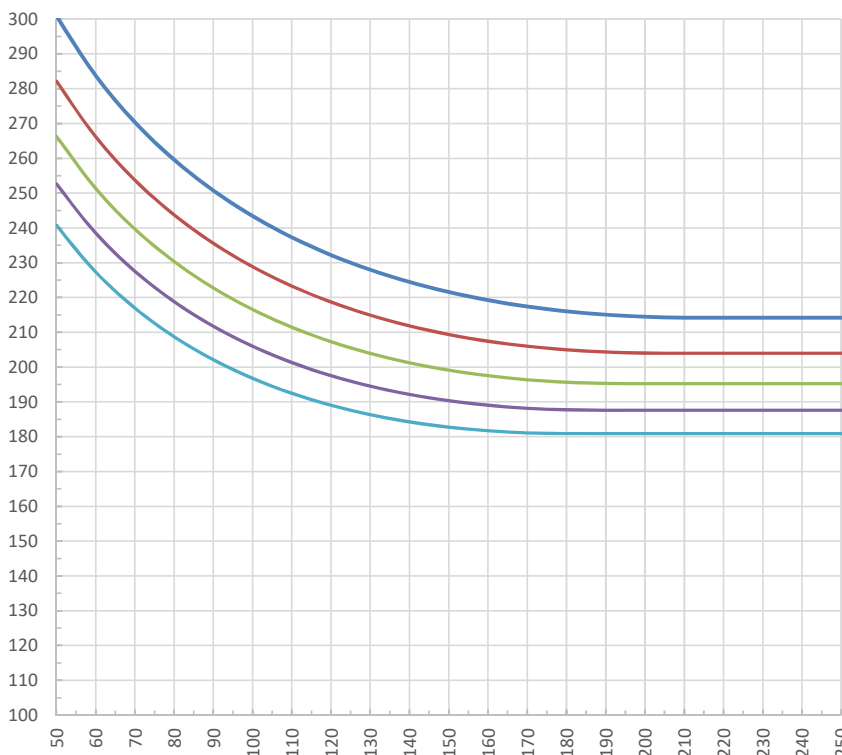


Zone 1
Zone 2
Zone 3
Zone 4
Zone 5

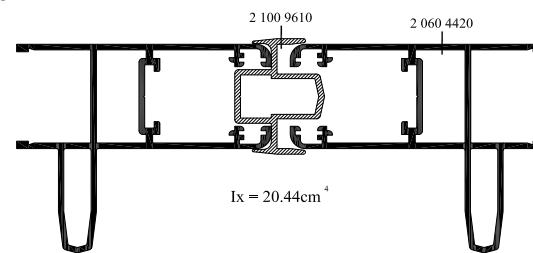


$I_x = 22.81 \text{ cm}^4$

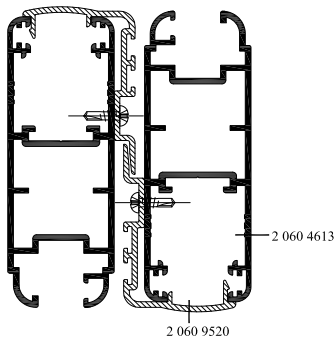
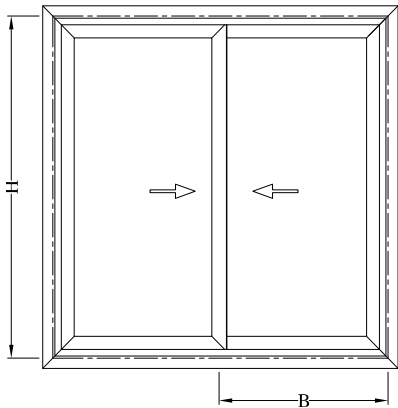
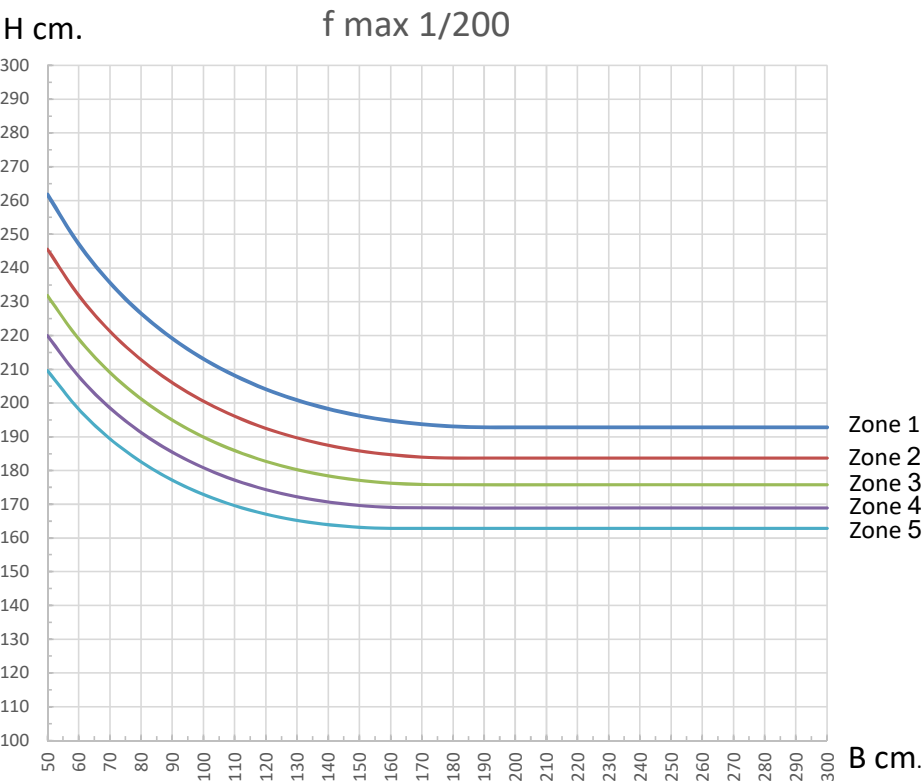
H cm. $f \max 1/200$



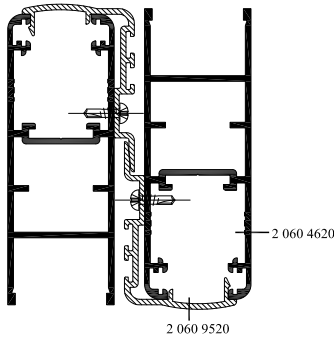
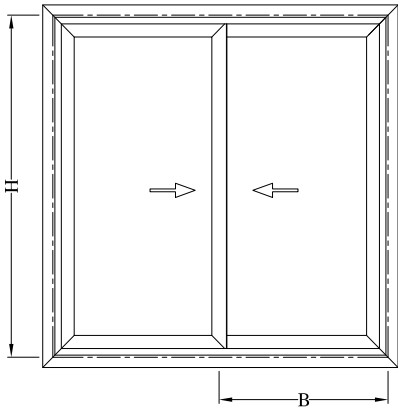
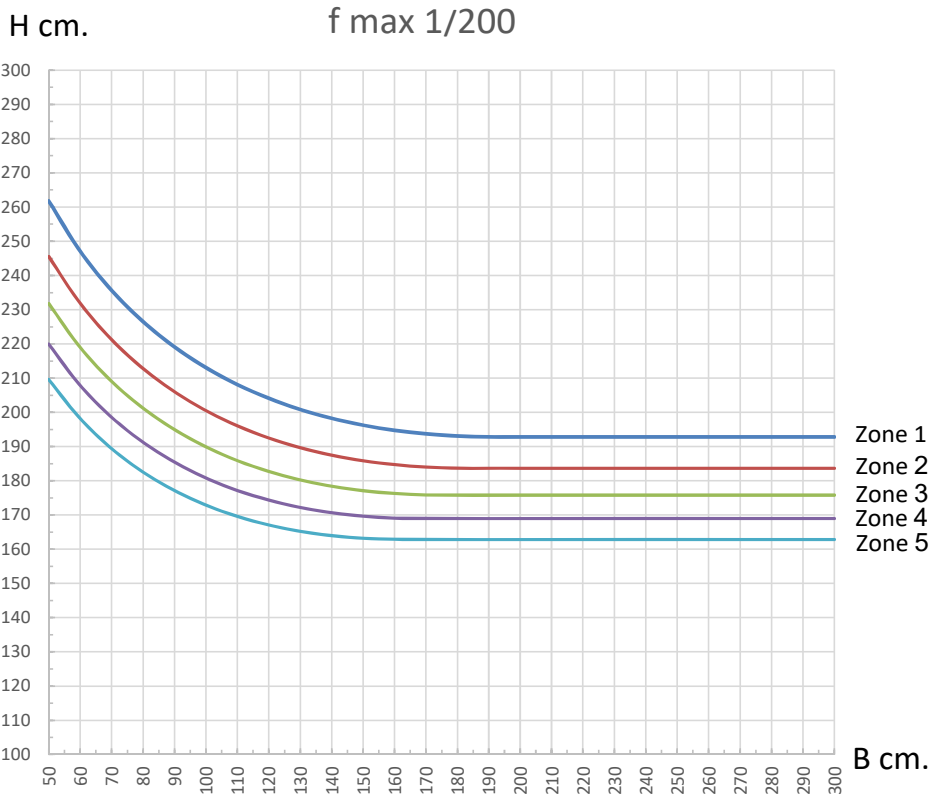
Zone 1
Zone 2
Zone 3
Zone 4
Zone 5



$I_x = 20.44 \text{ cm}^4$



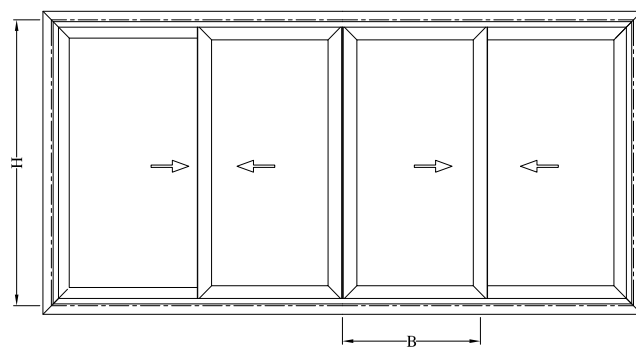
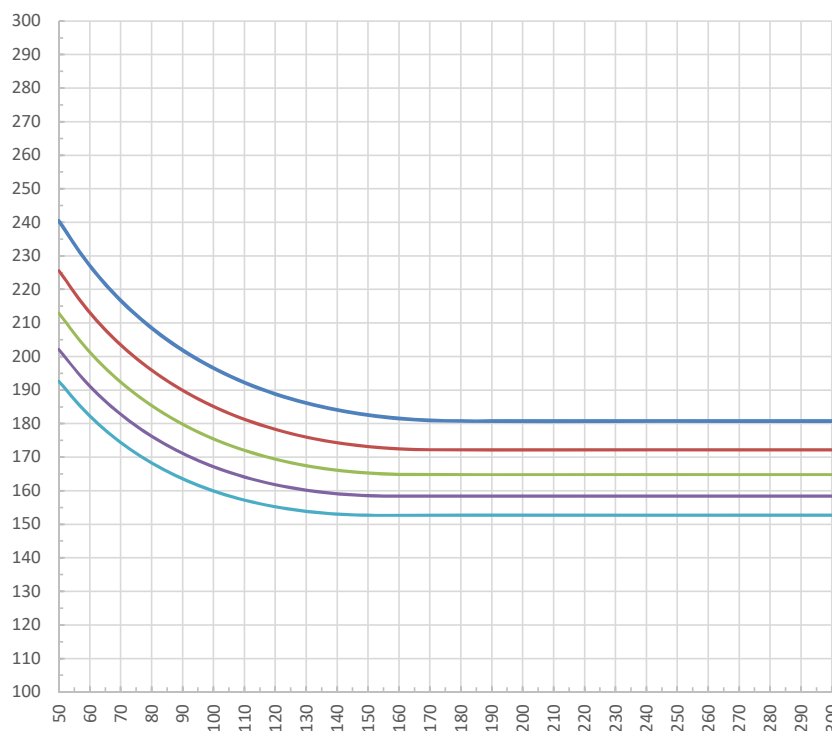
$I_x = 14.73 \text{ cm}^4$



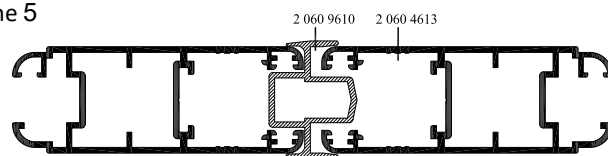
$I_x = 14.73 \text{ cm}^4$



H cm. $f \max 1/200$



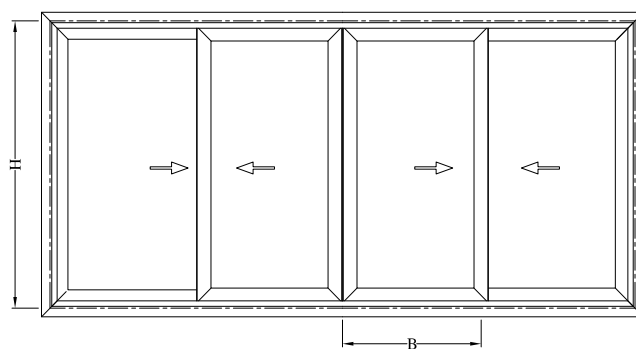
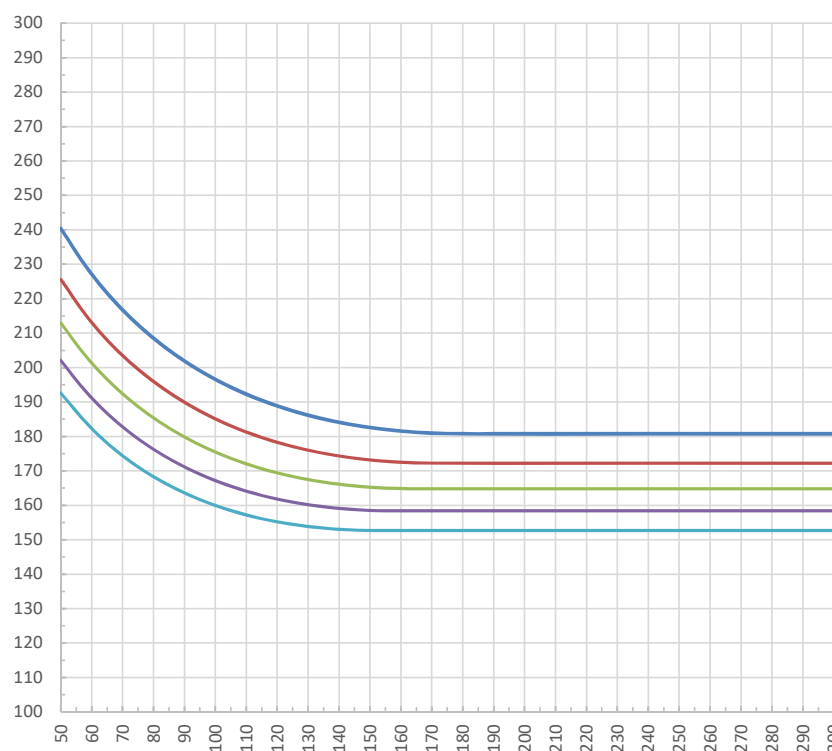
Zone 1
Zone 2
Zone 3
Zone 4
Zone 5



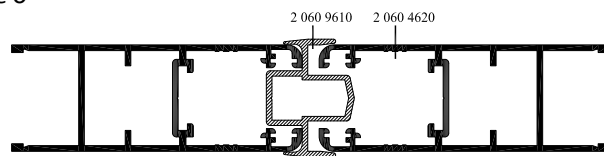
B cm.

$I_x = 11.38 \text{ cm}^4$

H cm. $f \max 1/200$



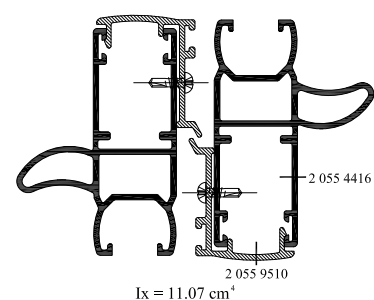
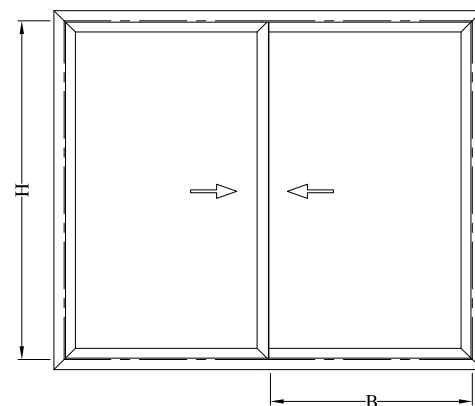
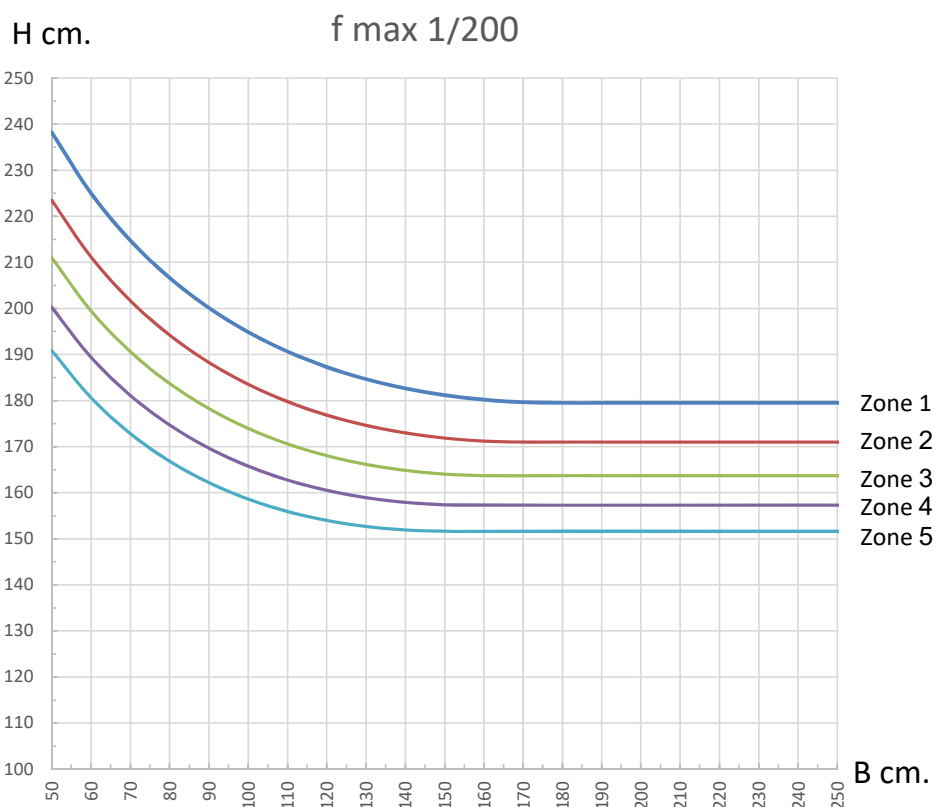
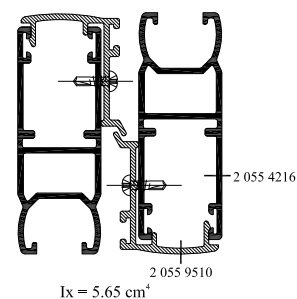
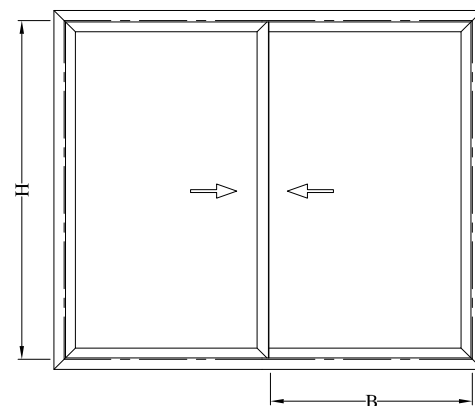
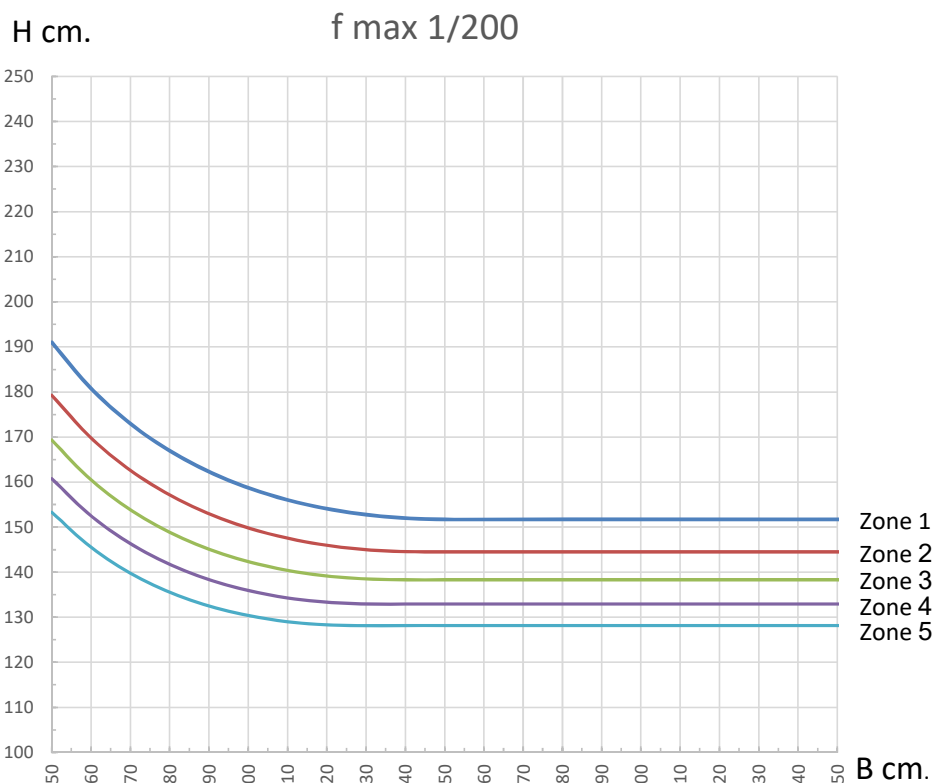
Zone 1
Zone 2
Zone 3
Zone 4
Zone 5

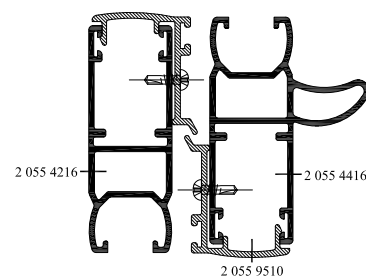
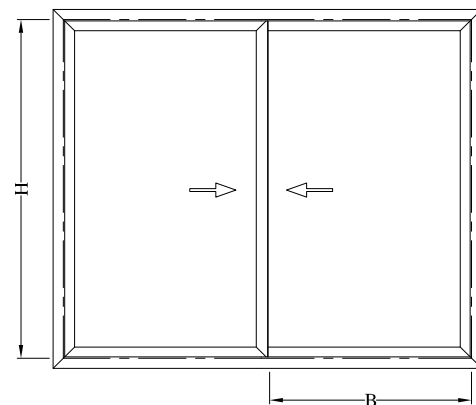
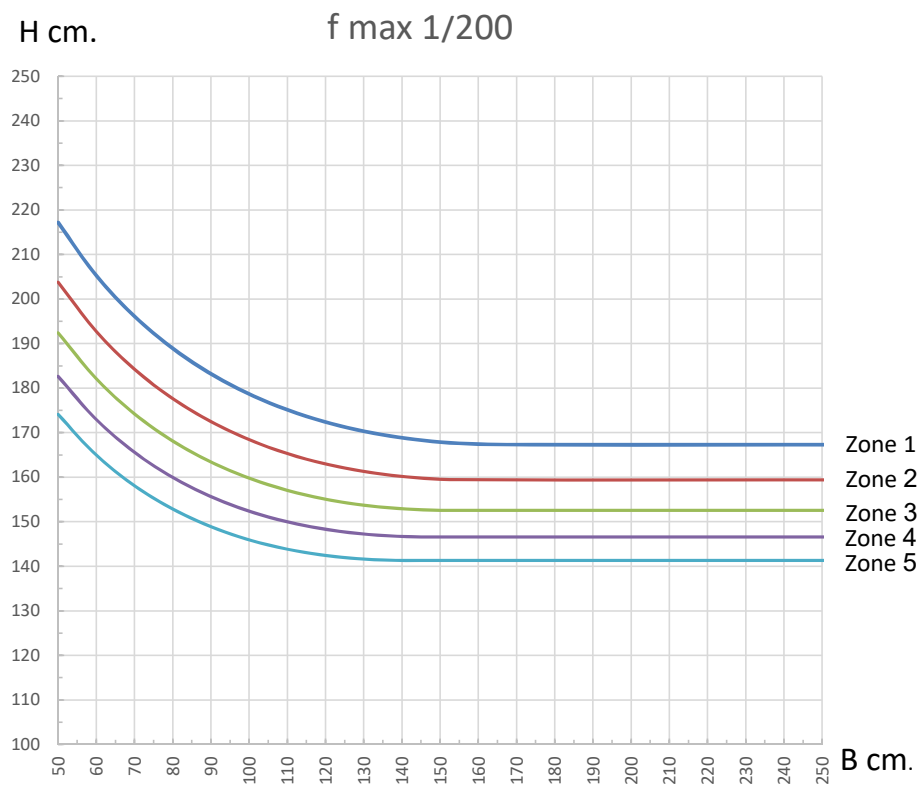


B cm.

$I_x = 11.45 \text{ cm}^4$

NANO 55

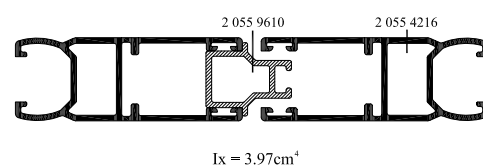
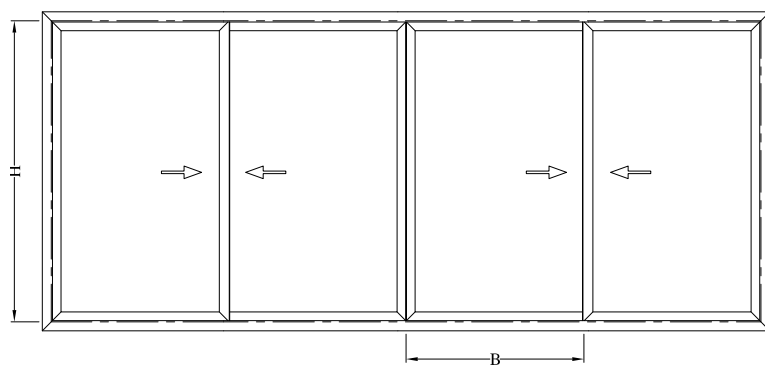
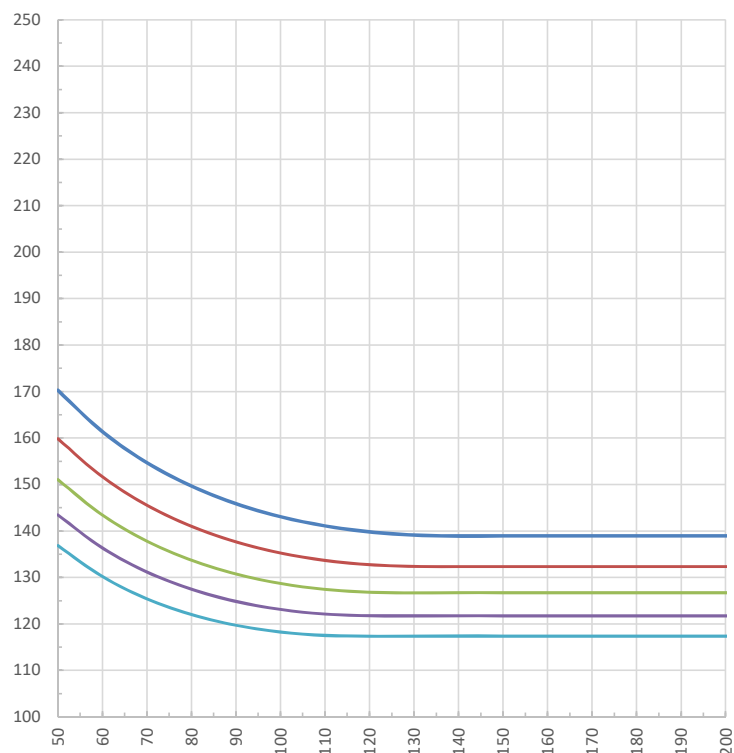




$I_x = 8.36 \text{ cm}^4$



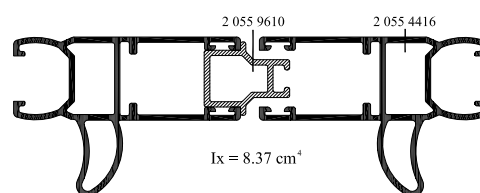
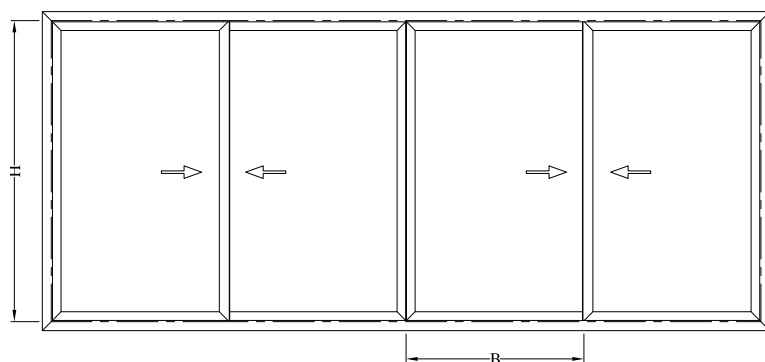
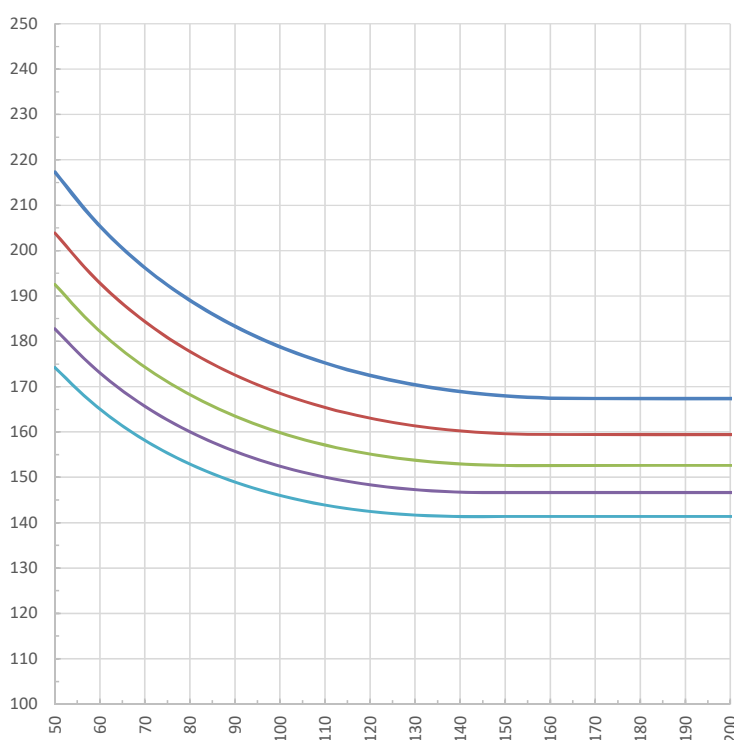
H cm. $f \max 1/200$



Zone 1
Zone 2
Zone 3
Zone 4
Zone 5

B cm.

H cm. $f \max 1/200$



Zone 1
Zone 2
Zone 3
Zone 4
Zone 5

B cm.