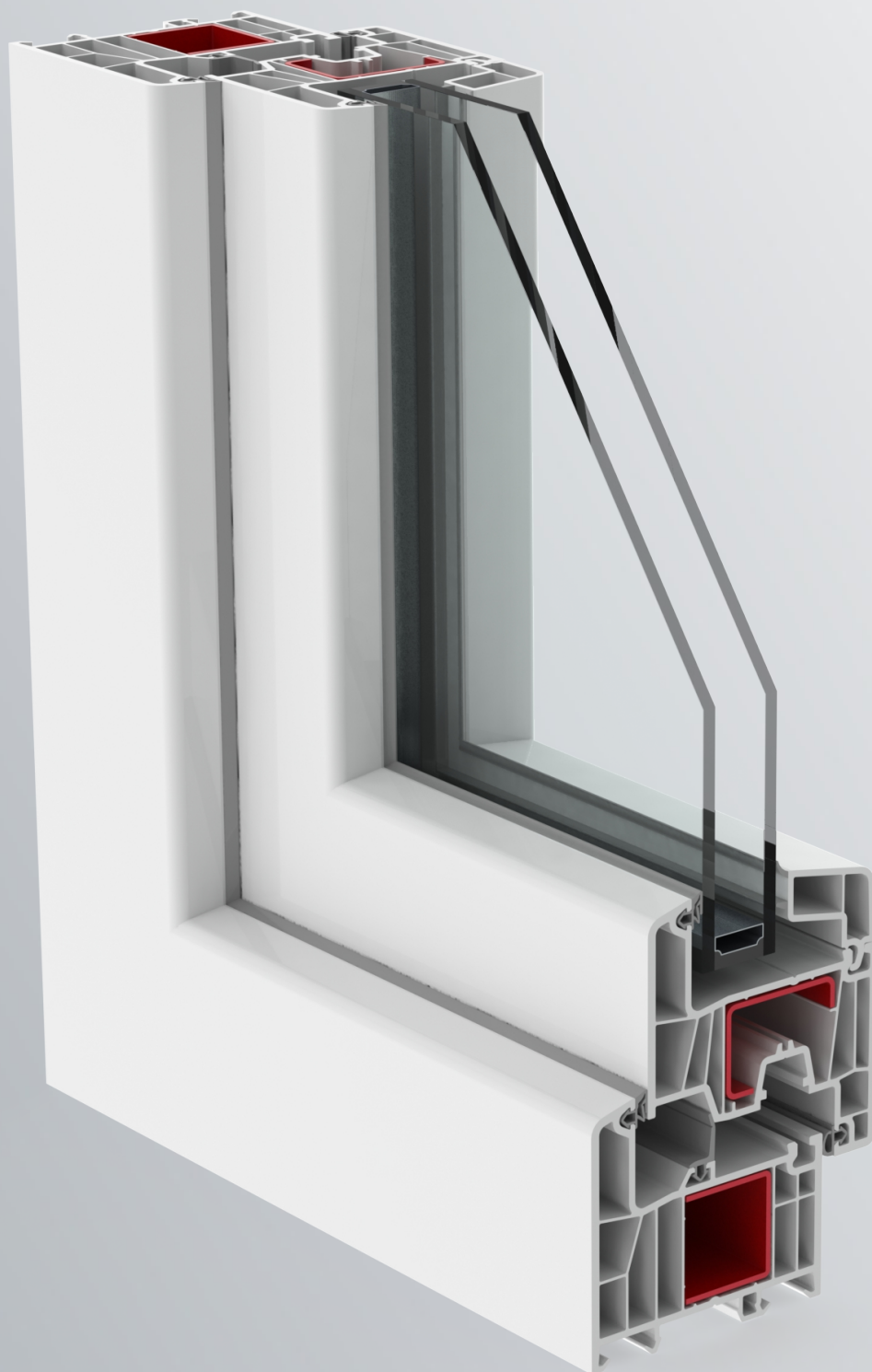


Cap.13 Limitări dimensionale

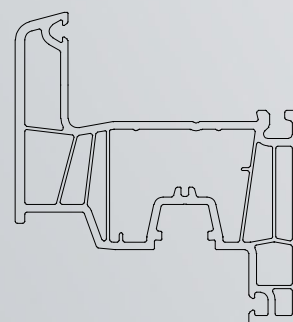
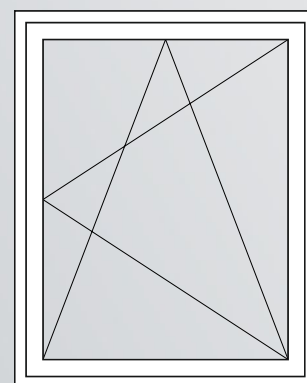
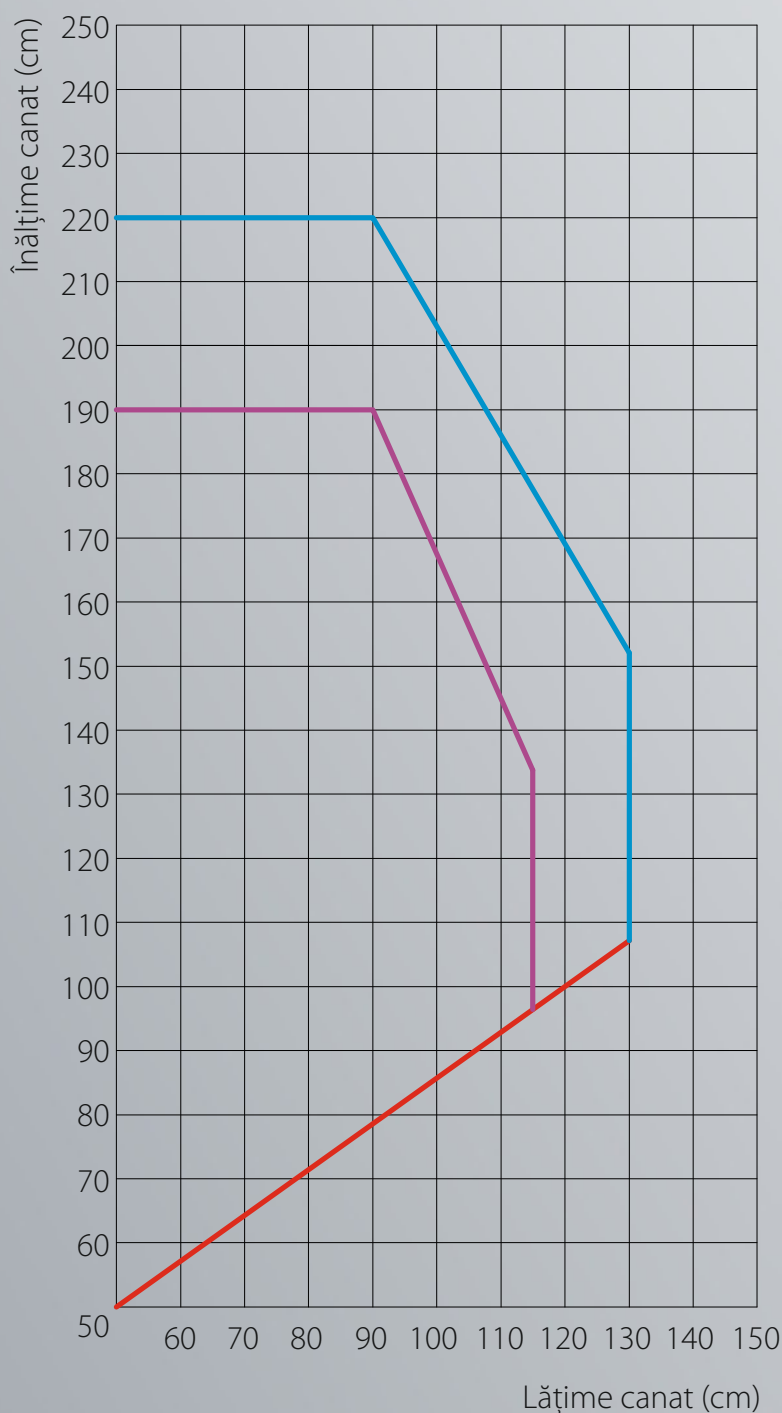


Cap.13 Limitări dimensionale

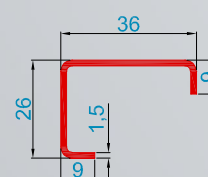
13.1 Ferestre și uși de balcon într-un canat

În calculul dimensiunilor limită ale canatelor se iau în considerare cele două solicitări: cea determinată de acțiunea vântului și cea determinată de greutatea geamului termoizolant. În diagramele ce urmează sunt figurate dimensiunile maxime pentru un geam termoizolant cu grosimea însumată a sticlei de 8mm. Pentru tripan cu grosimea însumată a sticlei de 12mm se va lua în considerare o greutate de 40kg/m² și se vor consulta indicațiile producătorului de feronerie cu privire la greutatea maximă a canatului.

- **Raportul dintre lățimea și înălțimea canatului nu trebuie să depășească valoarea de 1,2!**
- **Distanța între punctele de închidere nu trebuie să depășească 800mm!**
- **Pentru profilele color dimensiunile se vor reduce cu 10%!**



Profil cercevea S.80201



Armatura 809-02 ; g=1,5mm

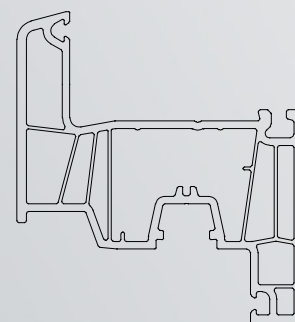
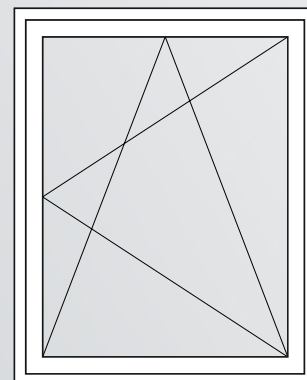
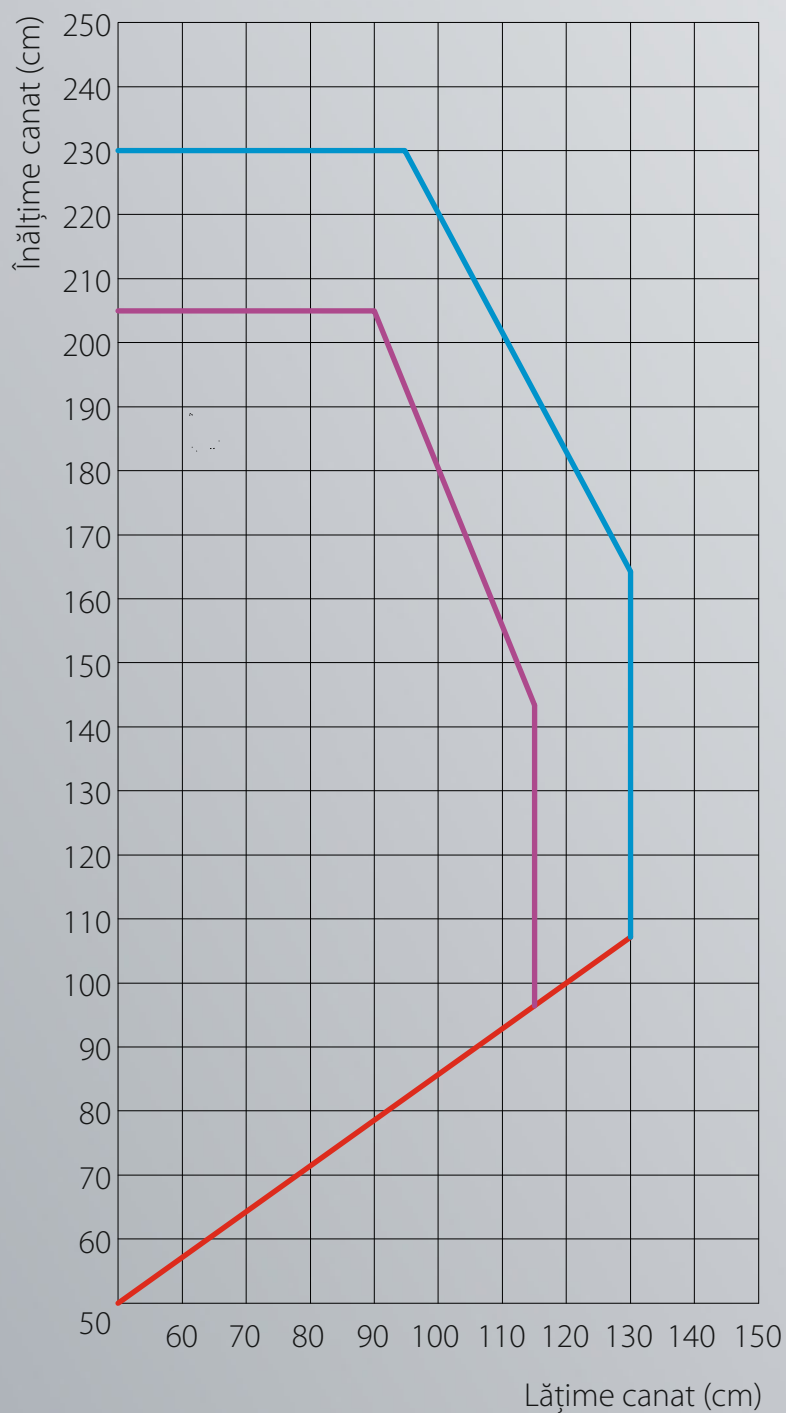
$$I_x = 0,87 \text{ cm}^4$$

$$I_y = 1,77 \text{ cm}^4$$

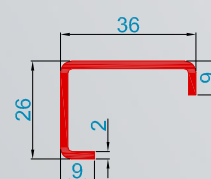
- profile albe
- profile color

Cap.13 Limitări dimensionale

13.1 Ferestre și uși de balcon într-un canat



Profil cercevea S.80201



Armatura 809-02 ; g=2,0mm

$$I_x = 1,10 \text{ cm}^4$$

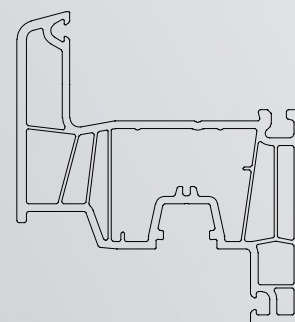
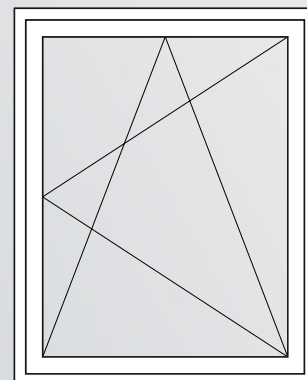
$$I_y = 2,27 \text{ cm}^4$$

Cap.13 Limitări dimensionale

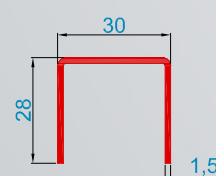
13.1 Ferestre și uși de balcon într-un canat



— profile albe
 — profile color



Profil cercevea S.80201



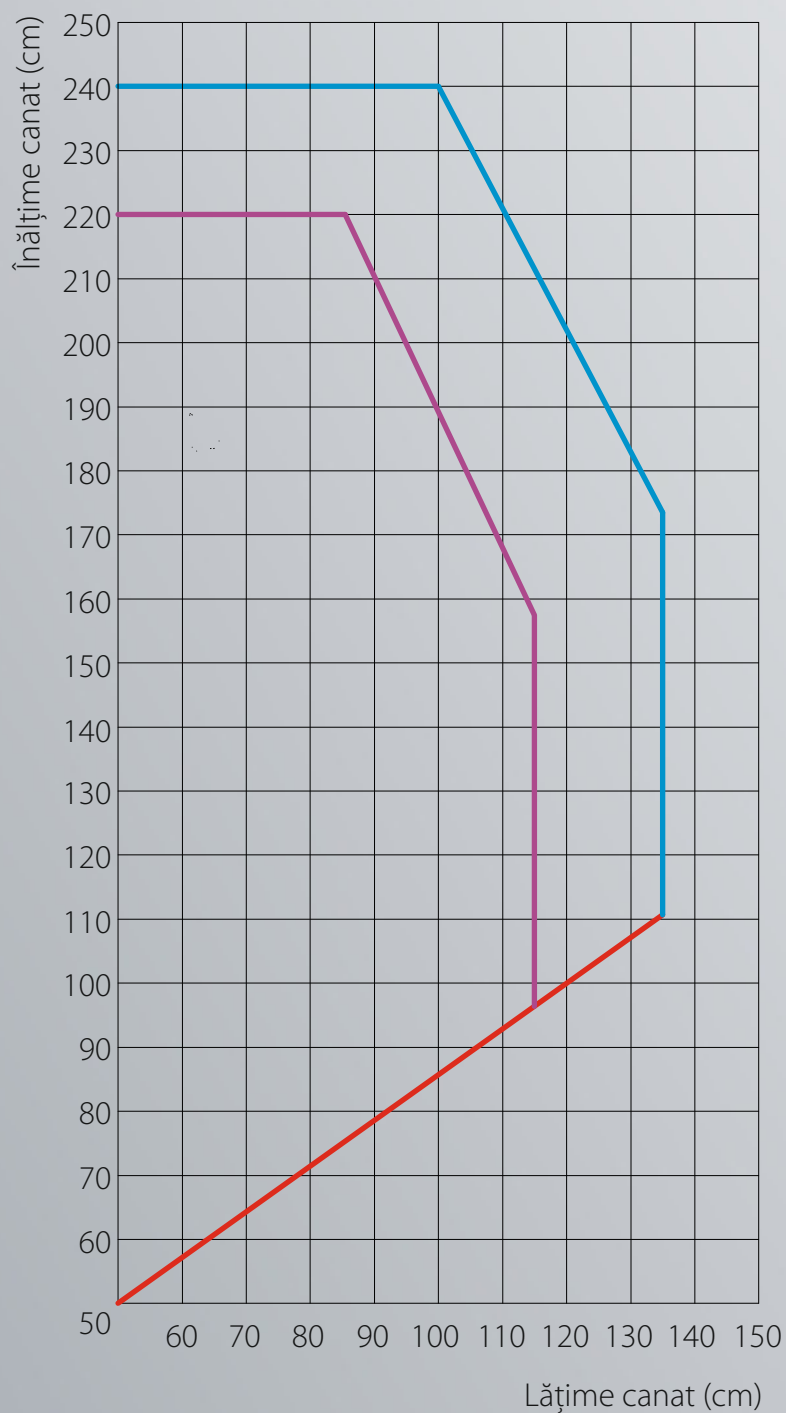
Armatura 809-01 ; g=1,5mm

$$I_x = 1,01 \text{ cm}^4$$

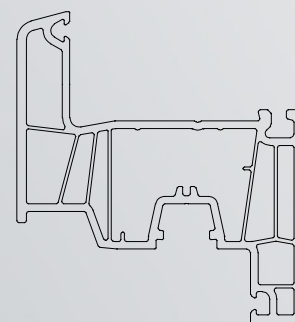
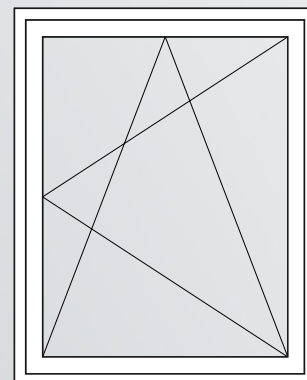
$$I_y = 1,92 \text{ cm}^4$$

Cap.13 Limitări dimensionale

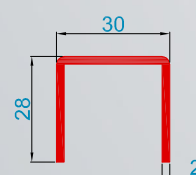
13.1 Ferestre și uși de balcon într-un canat



— profile albe
— profile color



Profil cercevea S.80201



Armatura 809-01 ; g=2,0mm

$$I_x = 1,32 \text{ cm}^4$$

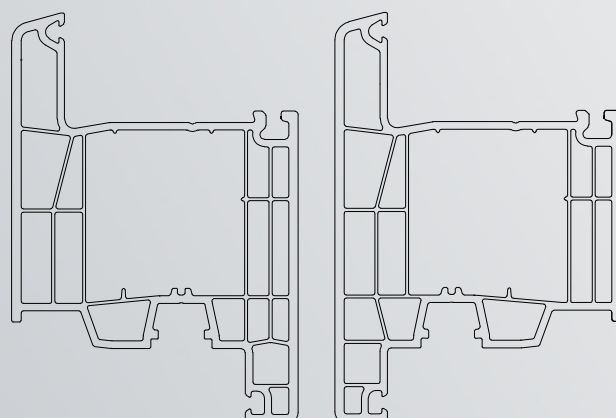
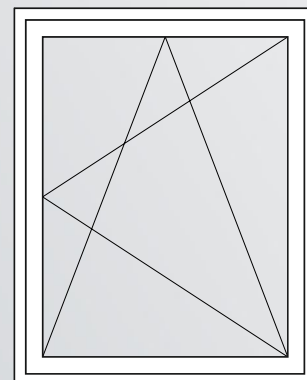
$$I_y = 2,45 \text{ cm}^4$$

Cap.13 Limitări dimensionale

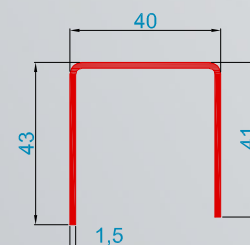
13.1 Ferestre și uși de balcon într-un canat



— profile albe
— profile color



Profil cercevea S.80211
Profil cercevea S.80212



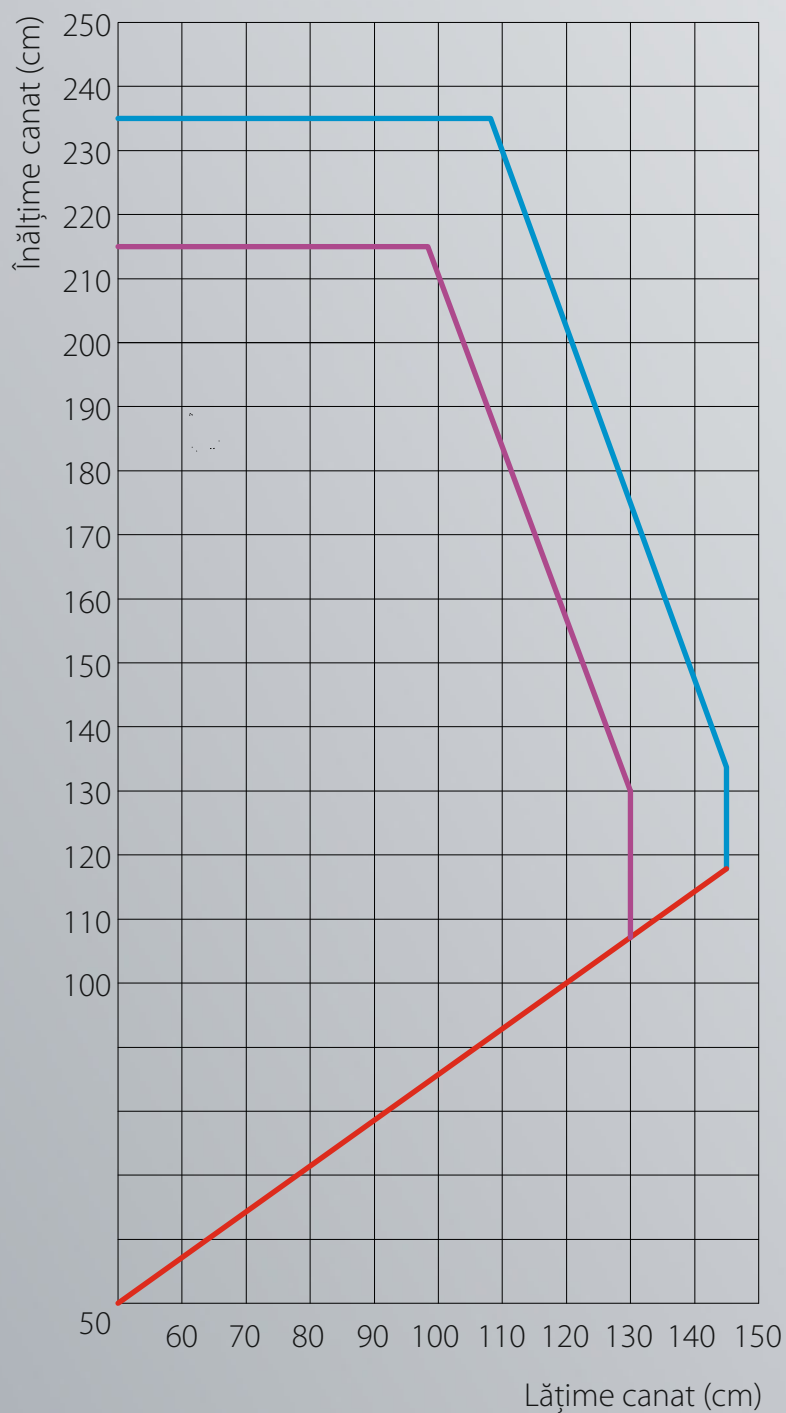
Armatura 809-04 ; g=1,5mm

$$I_x = 3,38 \text{ cm}^4$$

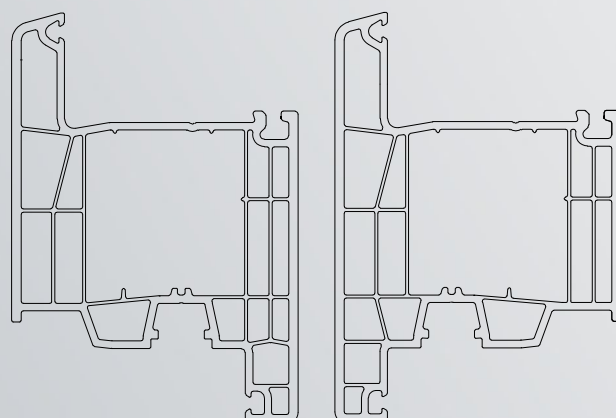
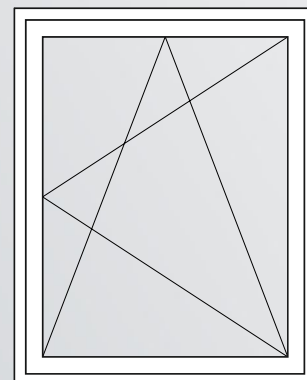
$$I_y = 5,19 \text{ cm}^4$$

Cap.13 Limitări dimensionale

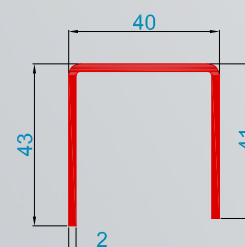
13.1 Ferestre și uși de balcon într-un canat



— profile albe
— profile color



Profil cercevea S.80211
Profil cercevea S.80212



Armatura 809-04 ; g=2,0mm

$$I_x = 4,42 \text{ cm}^4$$

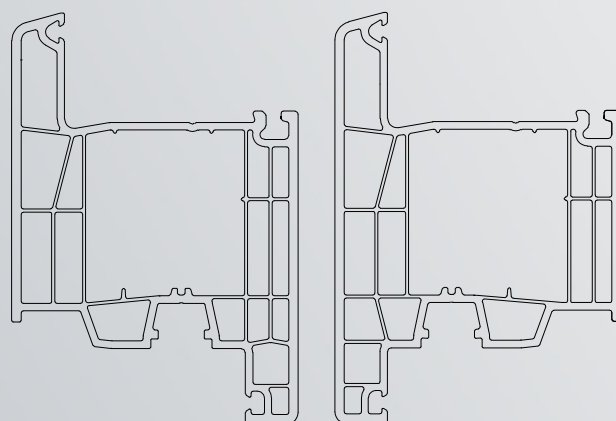
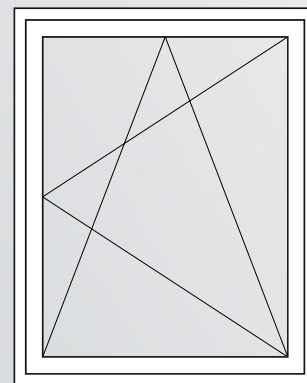
$$I_y = 6,71 \text{ cm}^4$$

Cap.13 Limitări dimensionale

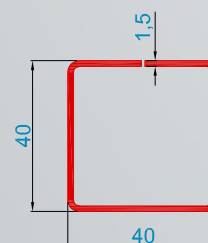
13.1 Ferestre și uși de balcon într-un canat



— profile albe
— profile color



Profil cercevea S.80211
Profil cercevea S.80212



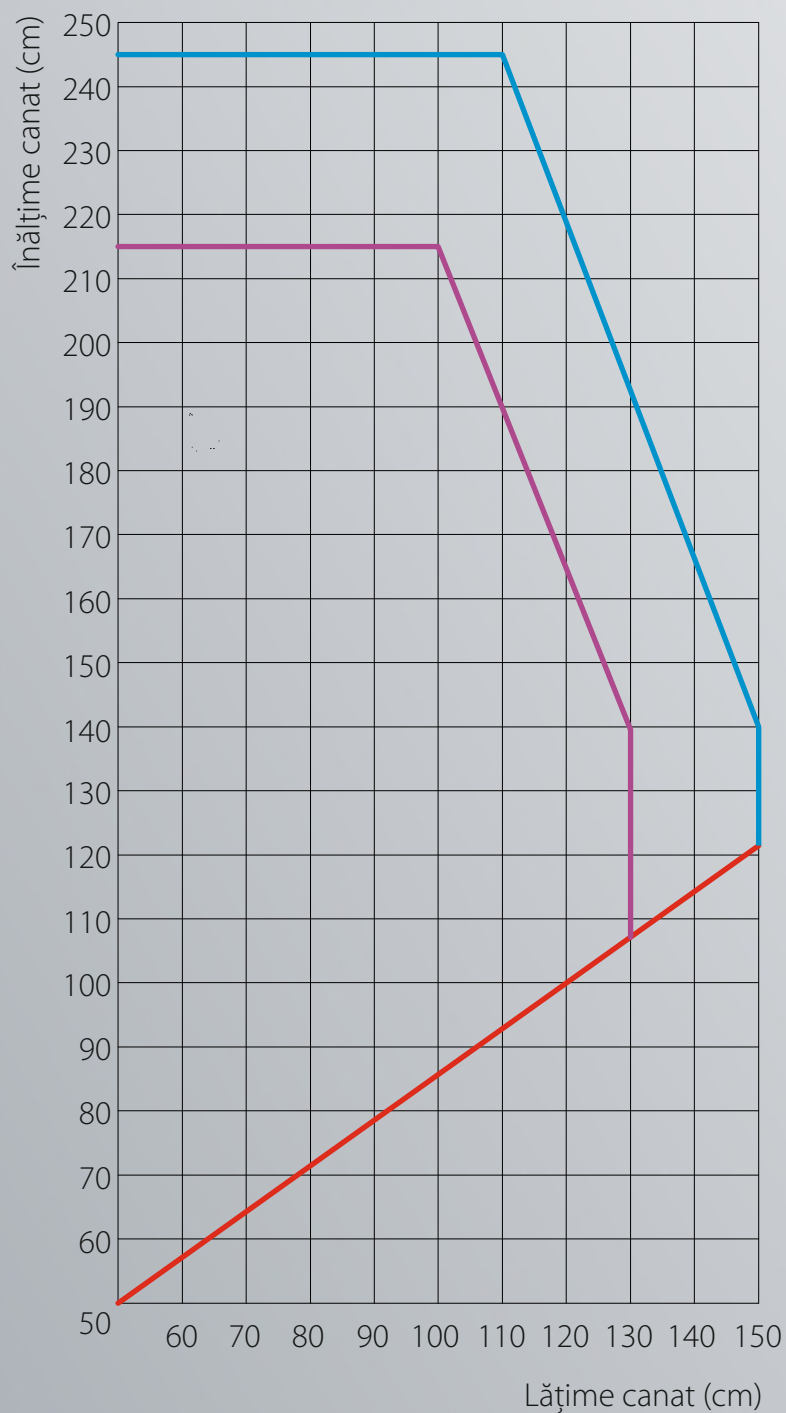
Armatura 809-05 ; g=1,5mm

$$I_x = 5,43 \text{ cm}^4$$

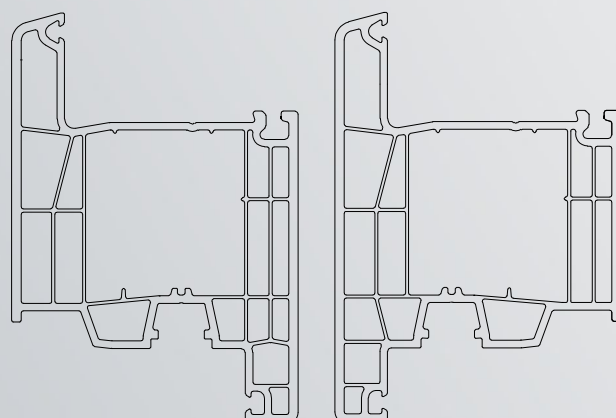
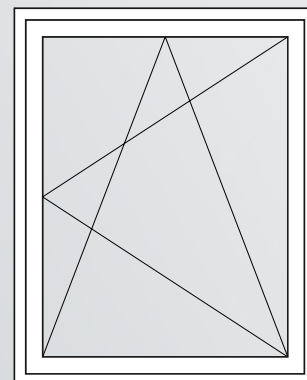
$$I_y = 5,49 \text{ cm}^4$$

Cap.13 Limitări dimensionale

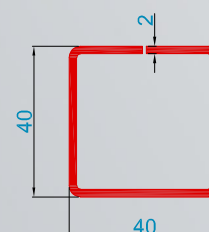
13.1 Ferestre și uși de balcon într-un canat



— profile albe
— profile color



Profil cercevea S.80211
Profil cercevea S.80212

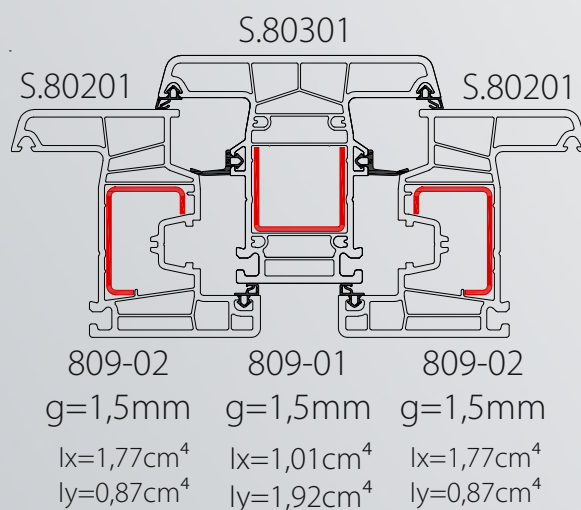
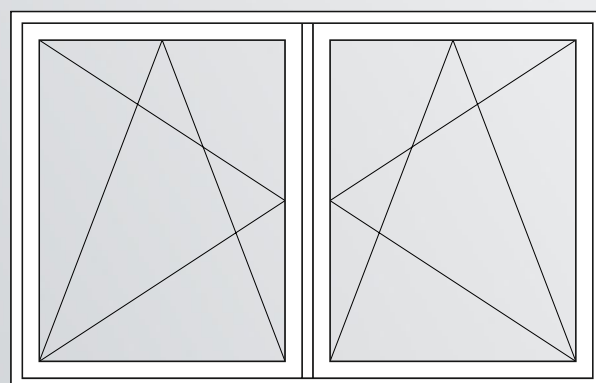
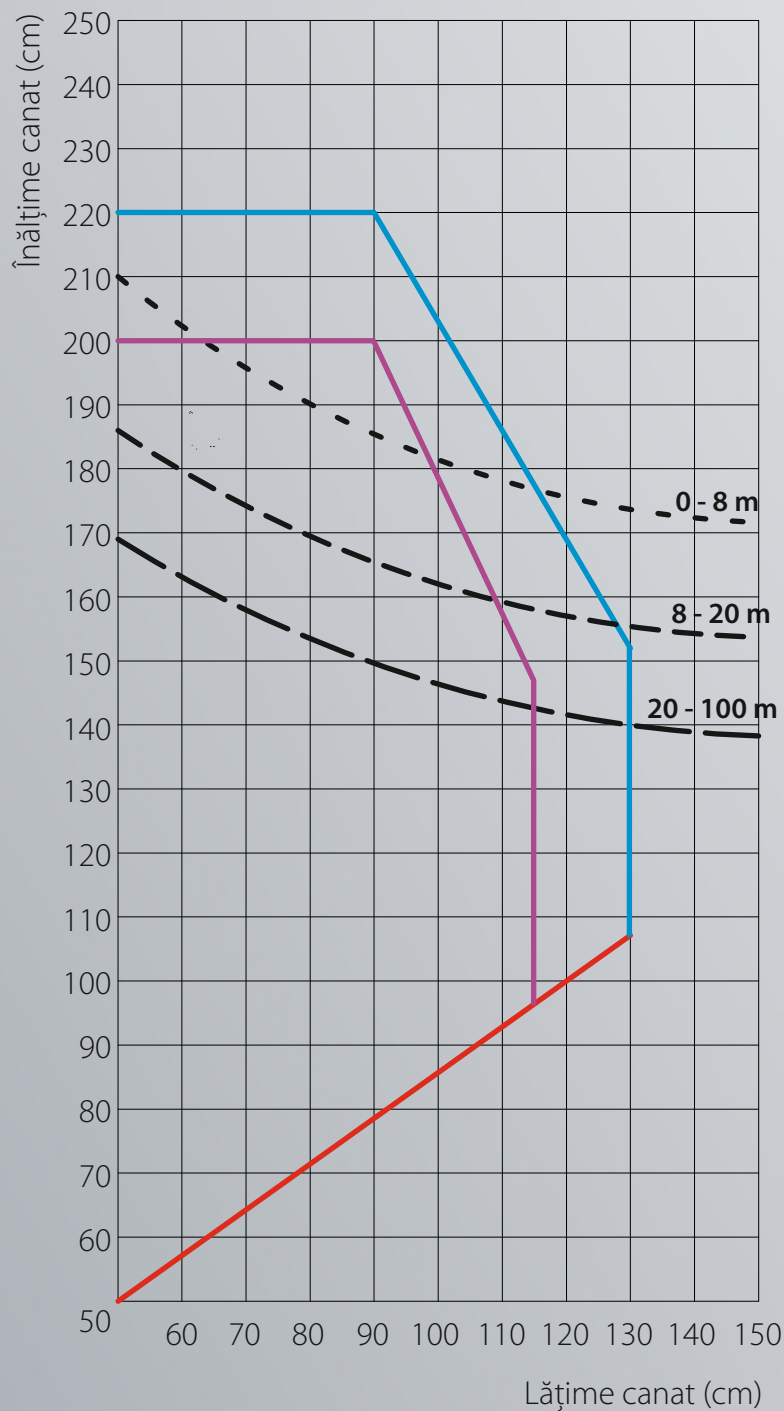


Armatura 809-05 ; g=2,0mm

$I_x=7,00\text{cm}^4$
 $I_y=7,07\text{cm}^4$

Cap.13 Limitări dimensionale

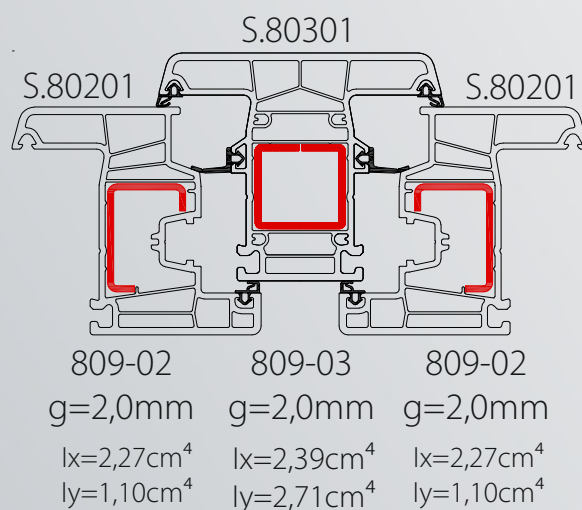
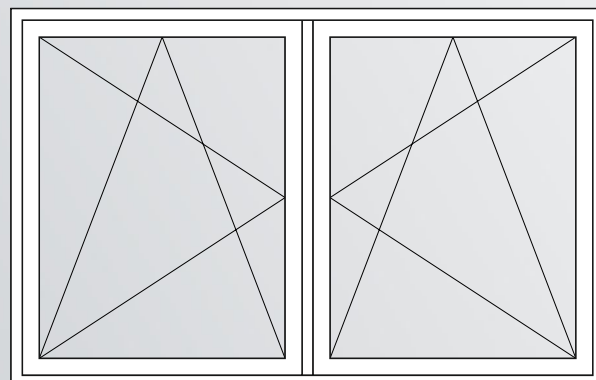
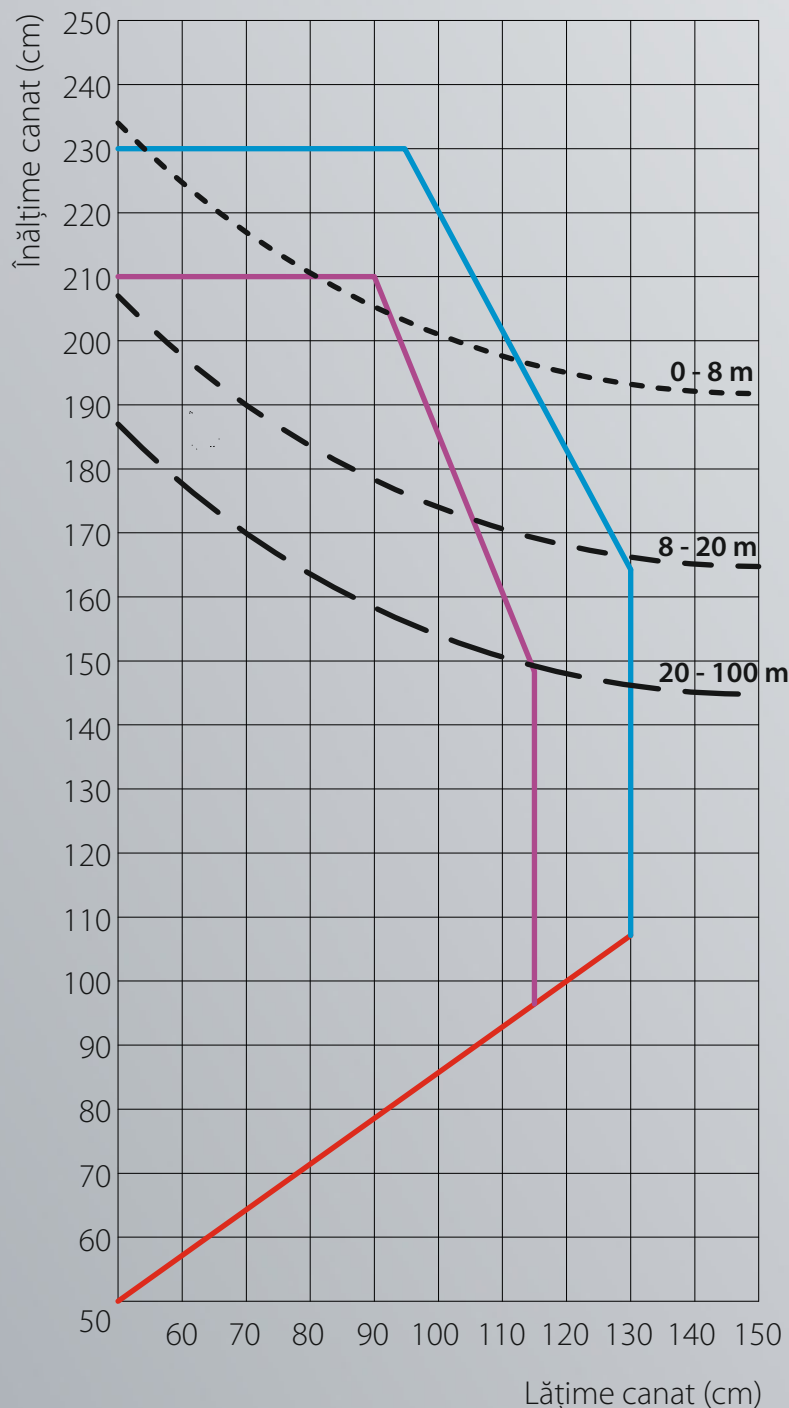
13.2 Ferestre și uși de balcon în două canate cu montant fix



- profile albe
- profile color
- - - grupa de solicitare 0 - 8 m
- - - grupa de solicitare 8 - 20 m
- - - grupa de solicitare 20 - 100 m

Cap.13 Limitări dimensionale

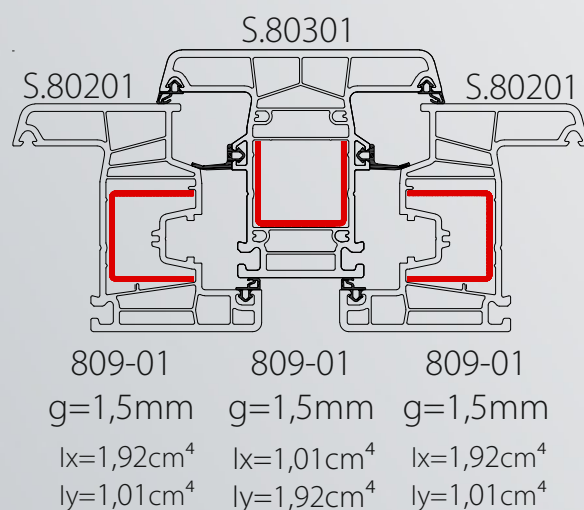
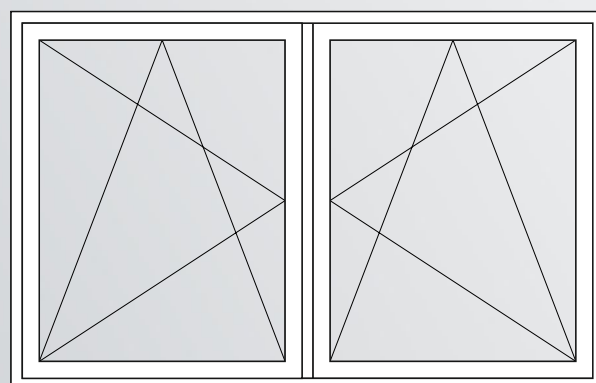
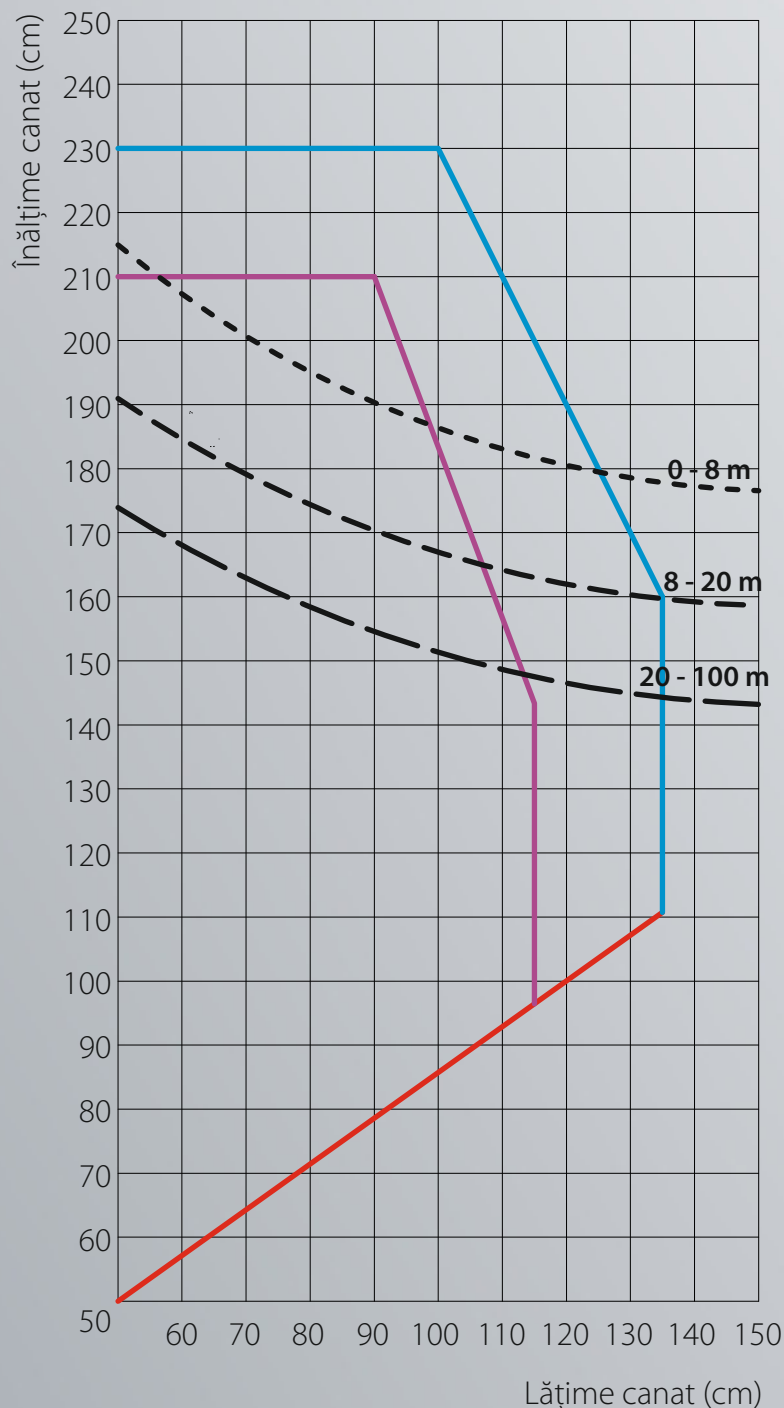
13.2 Ferestre și uși de balcon în două canate cu montant fix



- profile albe
- profile color
- - - grupa de solicitare 0 - 8 m
- - - grupa de solicitare 8 - 20 m
- grupa de solicitare 20 - 100 m

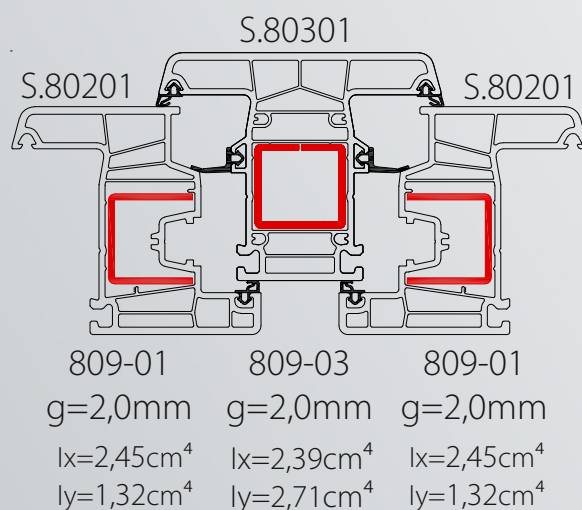
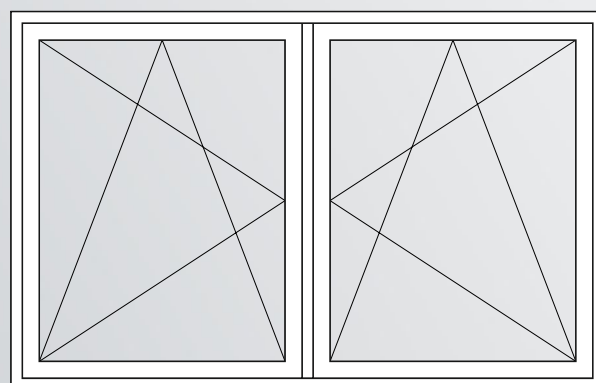
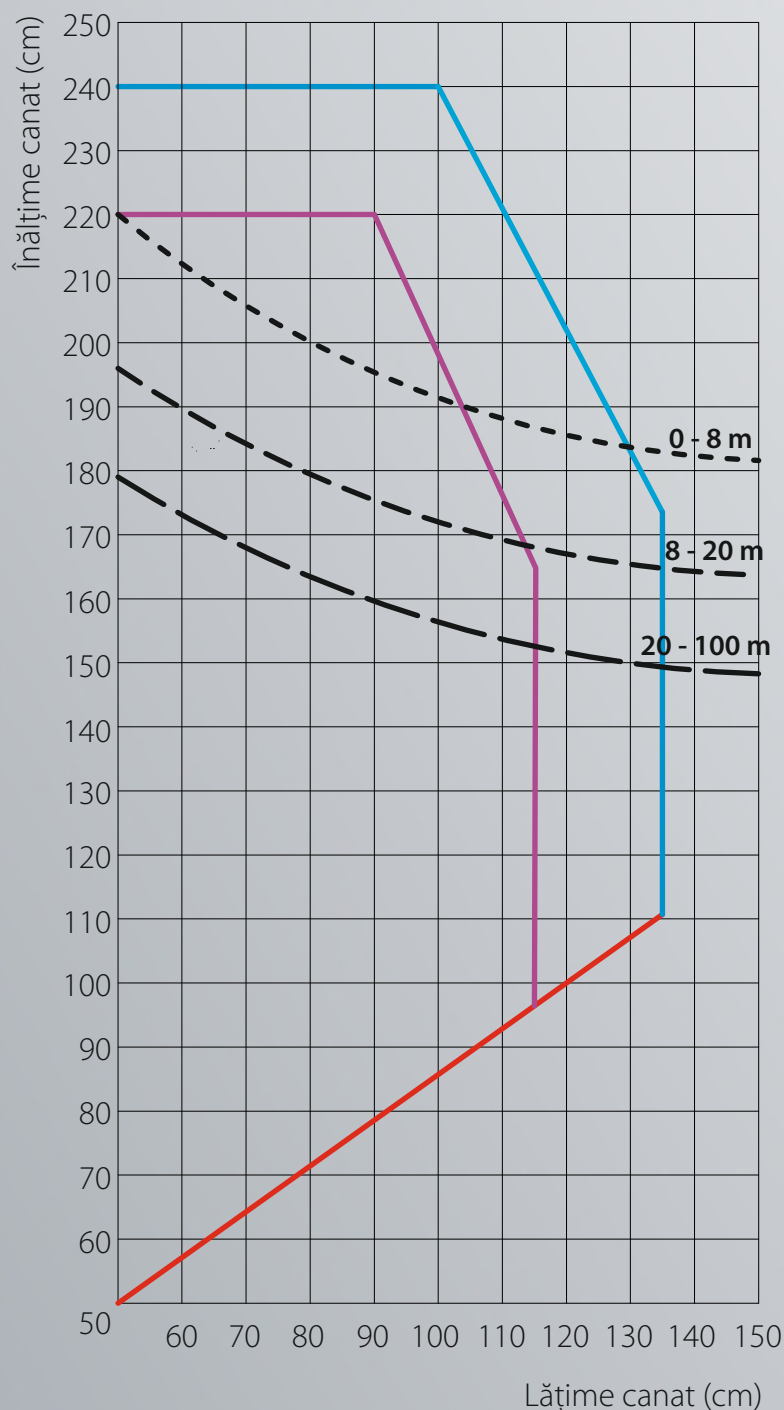
Cap.13 Limitări dimensionale

13.2 Ferestre și uși de balcon în două canate cu montant fix



Cap.13 Limitări dimensionale

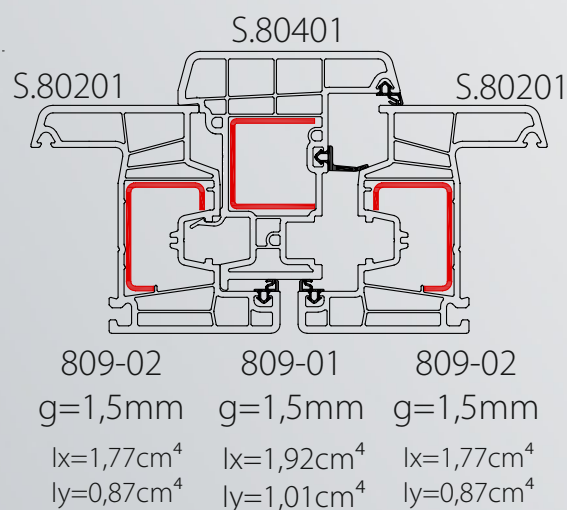
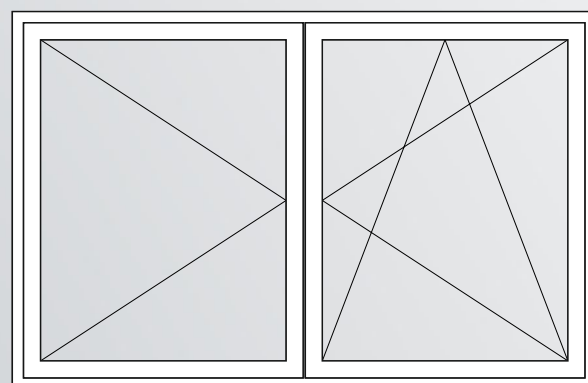
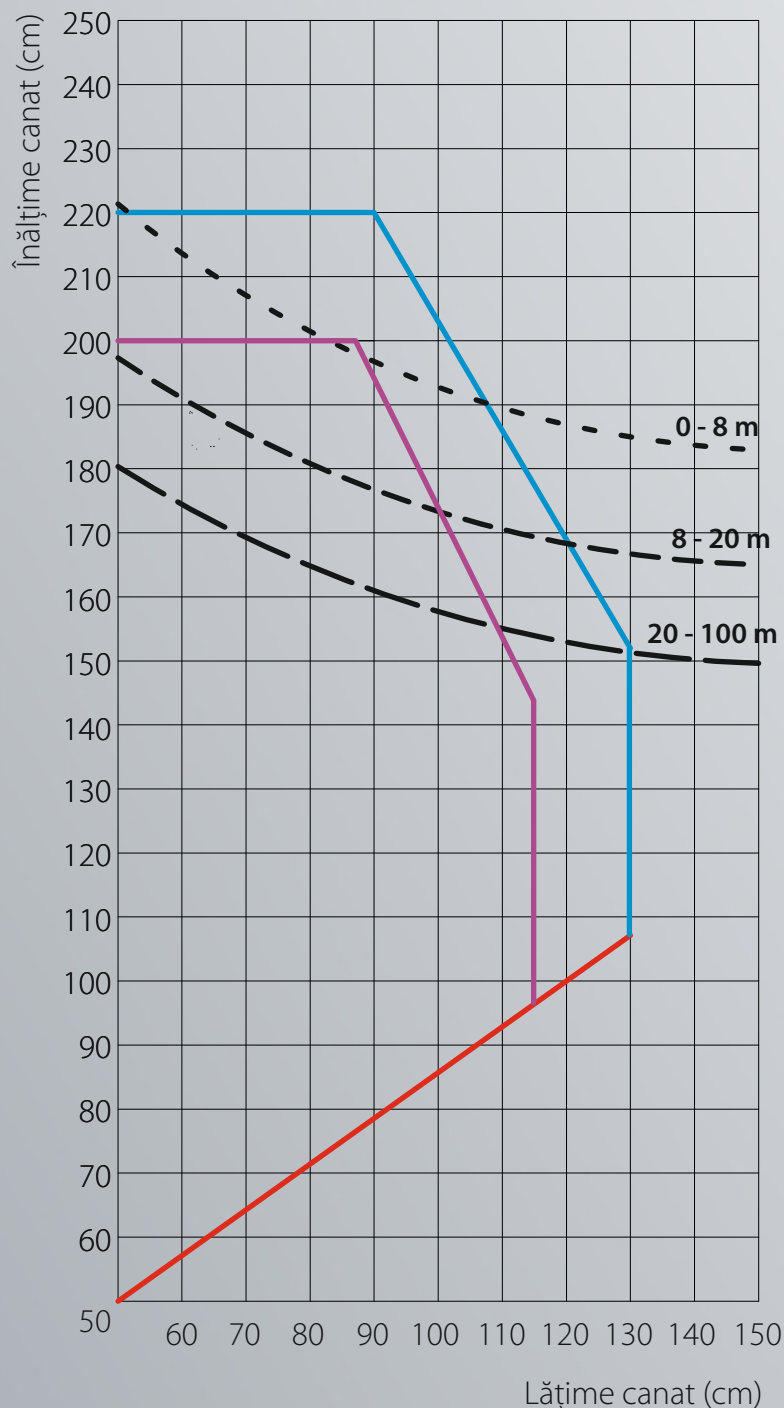
13.2 Ferestre și uși de balcon în două canate cu montant fix



- profile albe
- profile color
- - - grupa de solicitare 0 - 8 m
- - - grupa de solicitare 8 - 20 m
- - - grupa de solicitare 20 - 100 m

Cap.13 Limitări dimensionale

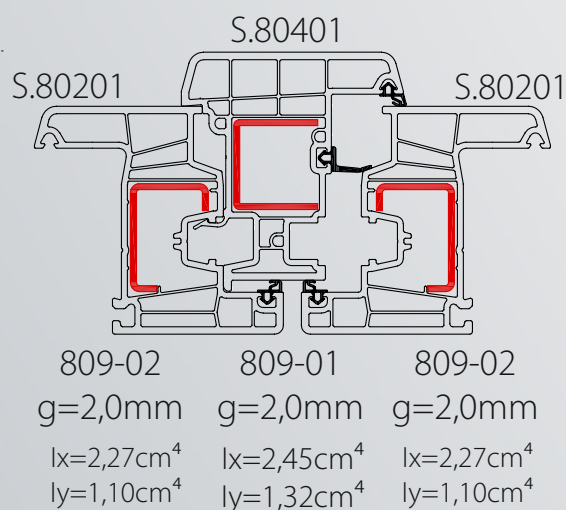
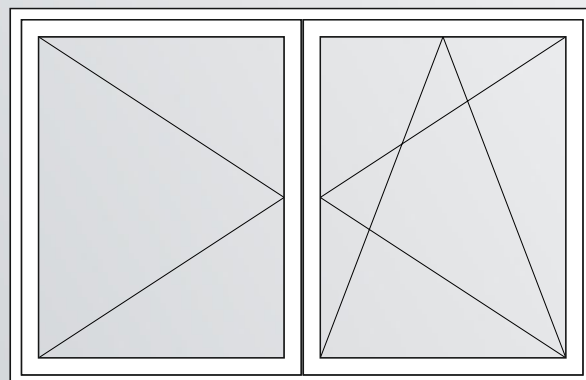
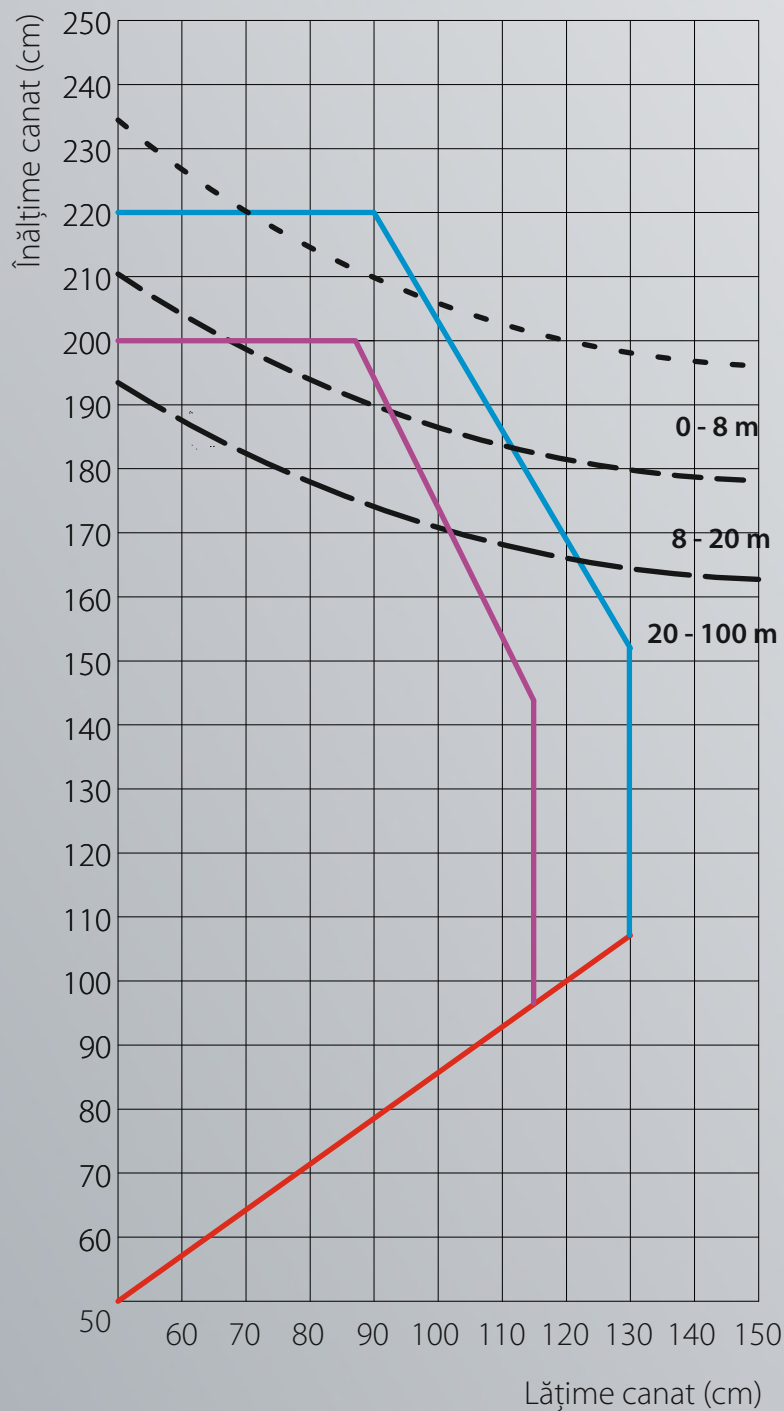
13.3 Ferestre și uși de balcon în două canate cu montant mobil



- profile albe
- profile color
- - - grupa de solicitare 0 - 8 m
- - - grupa de solicitare 8 - 20 m
- - - grupa de solicitare 20 - 100 m

Cap.13 Limitări dimensionale

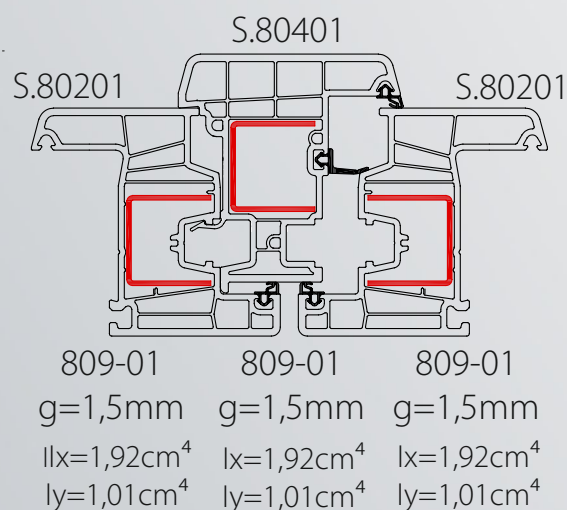
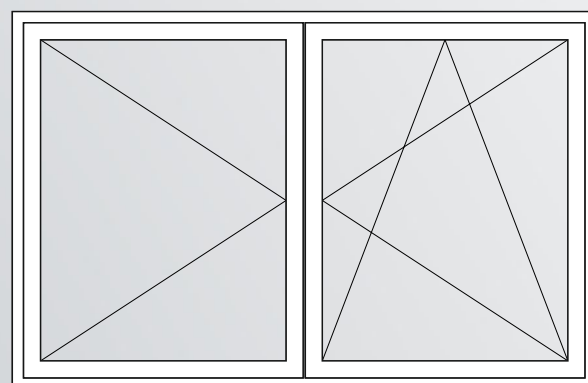
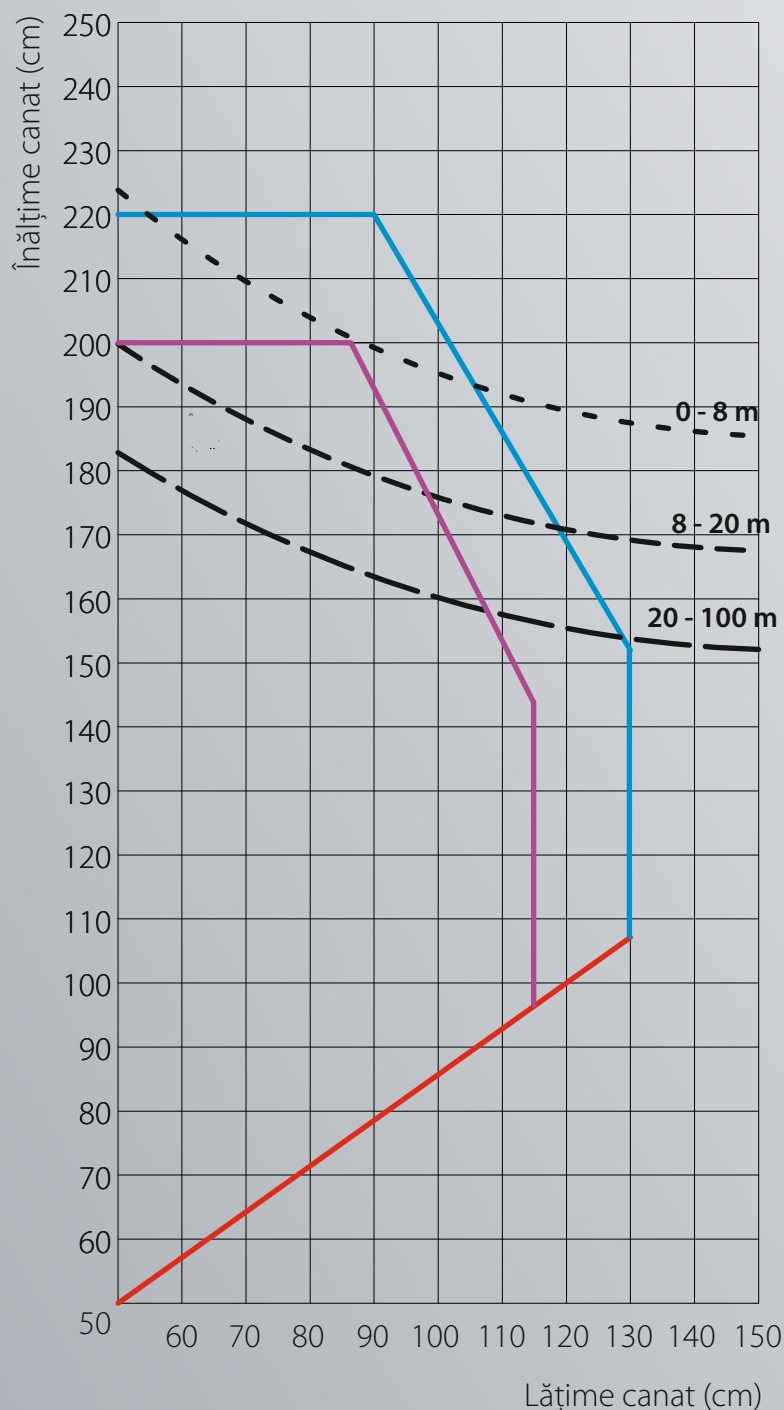
13.3 Ferestre și uși de balcon în două canate cu montant mobil



- profile albe
- profile color
- - - grupa de solicitare 0 - 8 m
- - - grupa de solicitare 8 - 20 m
- - - grupa de solicitare 20 - 100 m

Cap.13 Limitări dimensionale

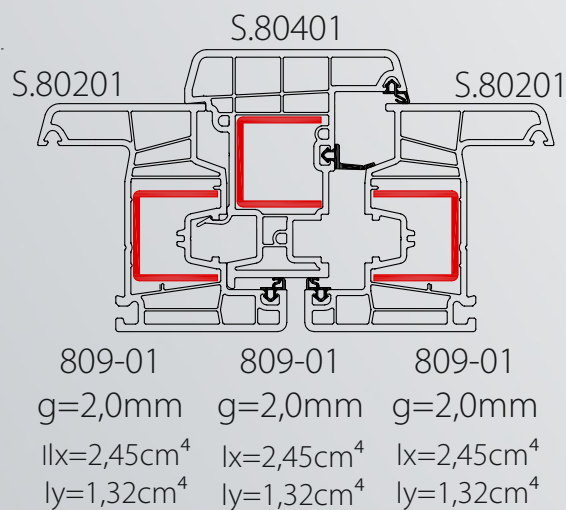
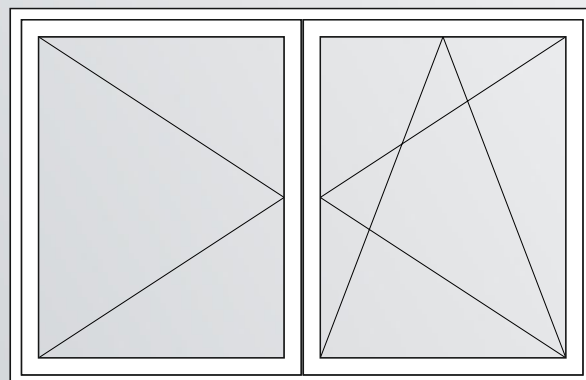
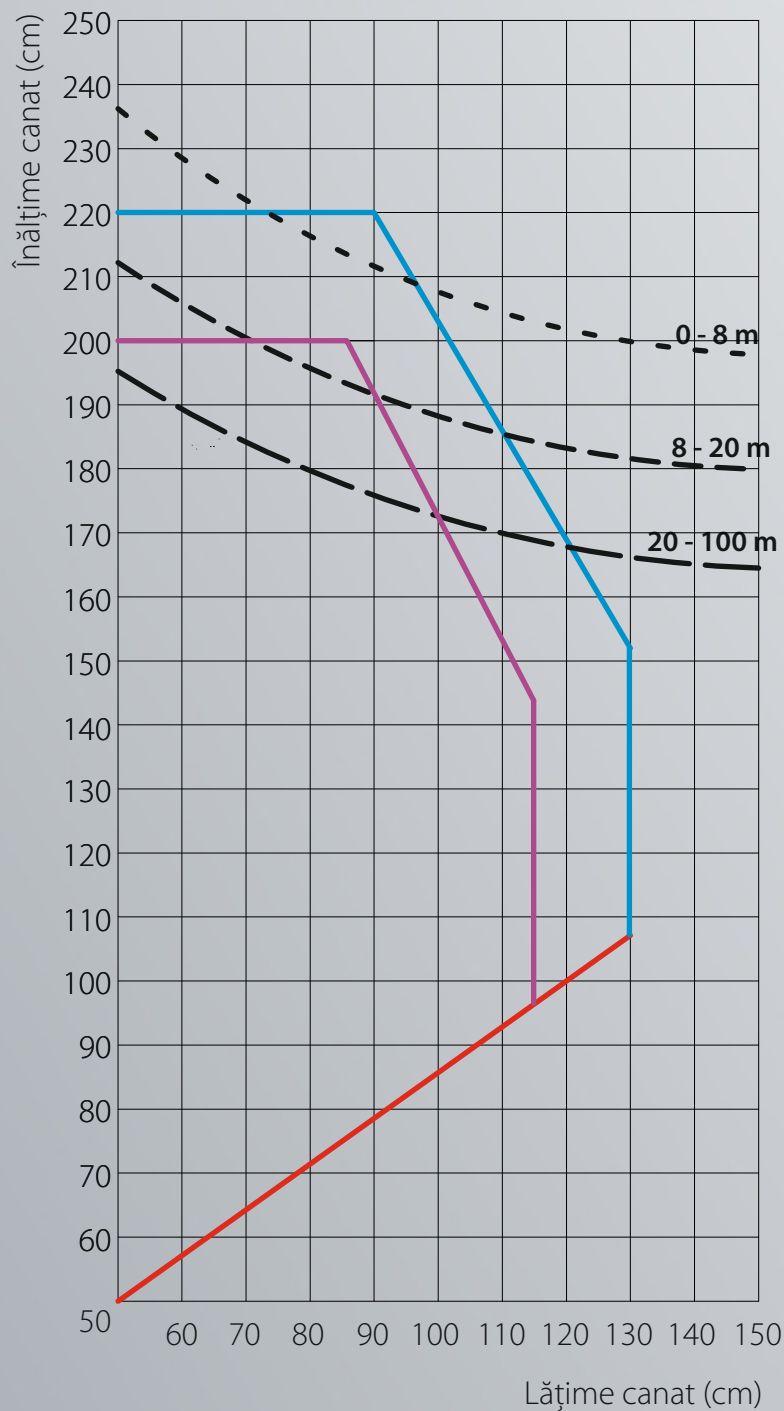
13.3 Ferestre și uși de balcon în două canate cu montant mobil



- profile albe
- profile color
- - - grupa de solicitare 0 - 8 m
- - - grupa de solicitare 8 - 20 m
- - - grupa de solicitare 20 - 100 m

Cap.13 Limitări dimensionale

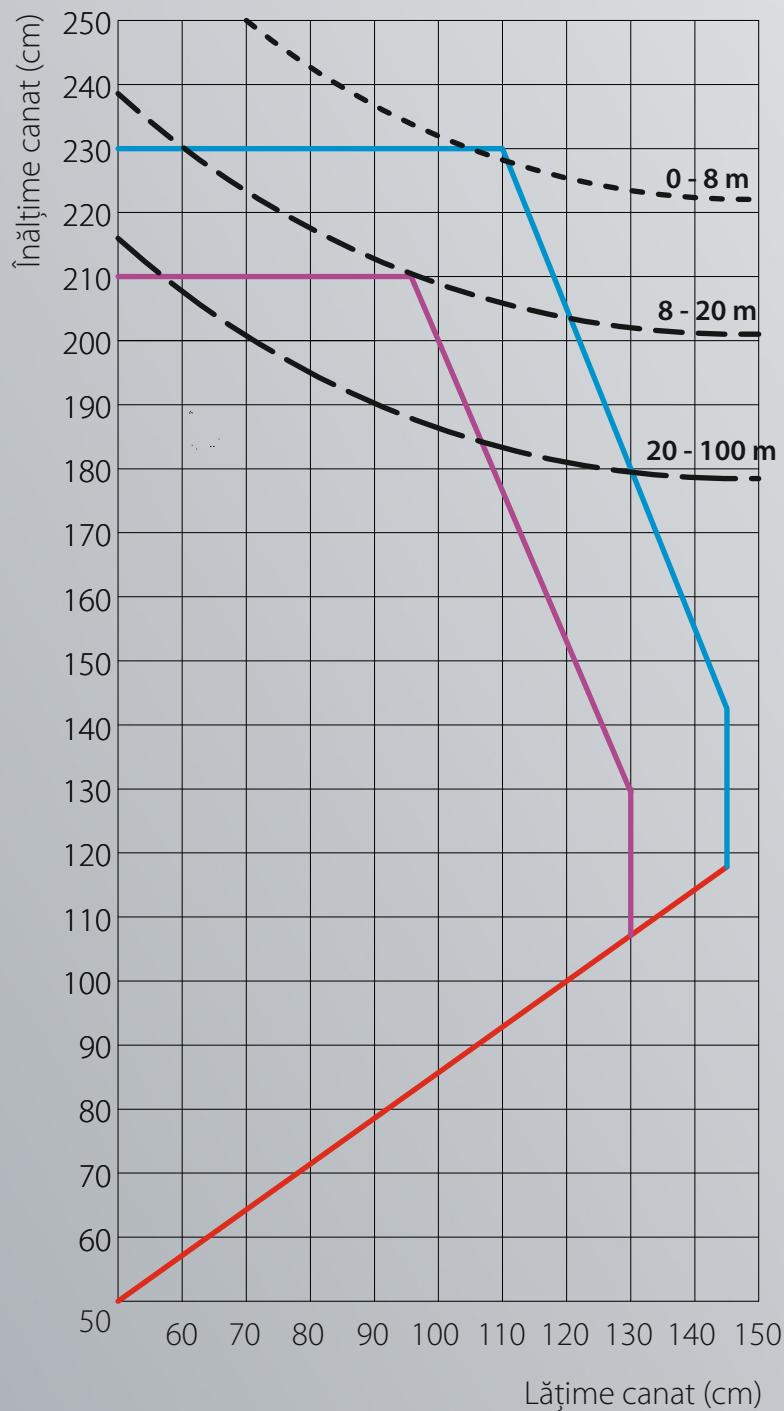
13.3 Ferestre și uși de balcon în două canate cu montant mobil



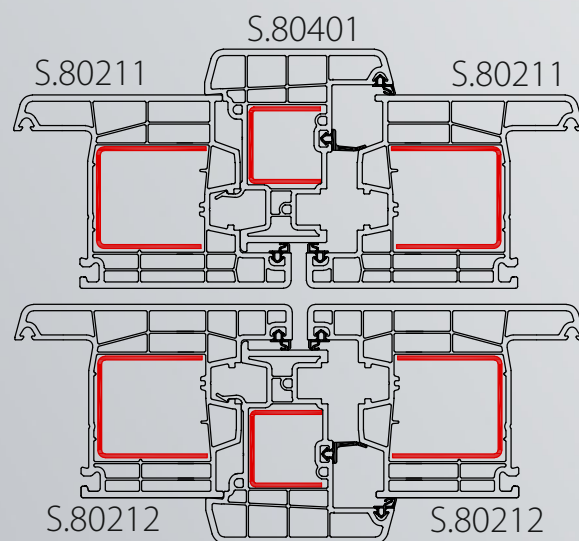
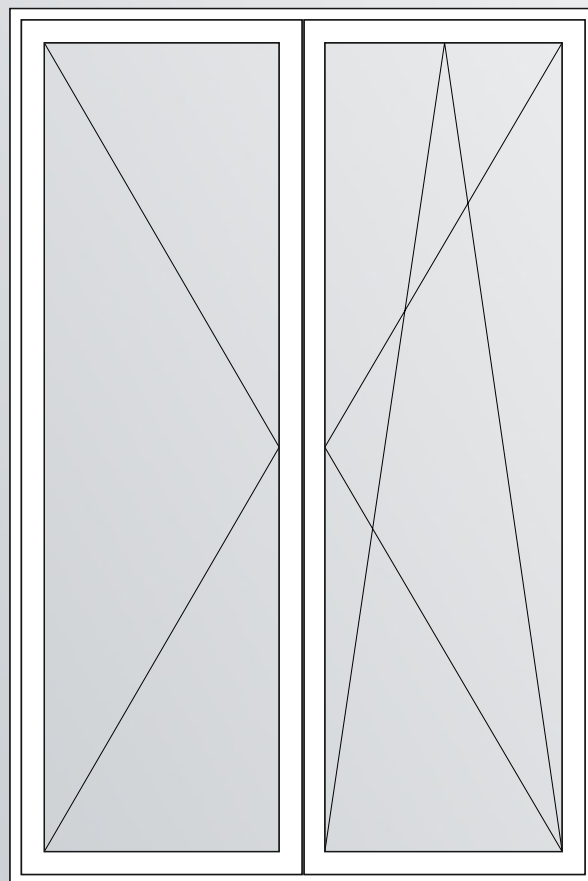
- profile albe
- profile color
- - - grupa de solicitare 0 - 8 m
- - - grupa de solicitare 8 - 20 m
- grupa de solicitare 20 - 100 m

Cap.13 Limitări dimensionale

13.3 Ferestre și uși de balcon în două canate cu montant mobil



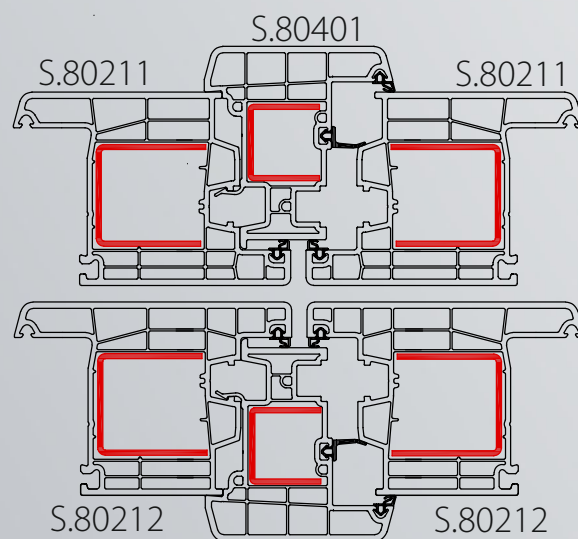
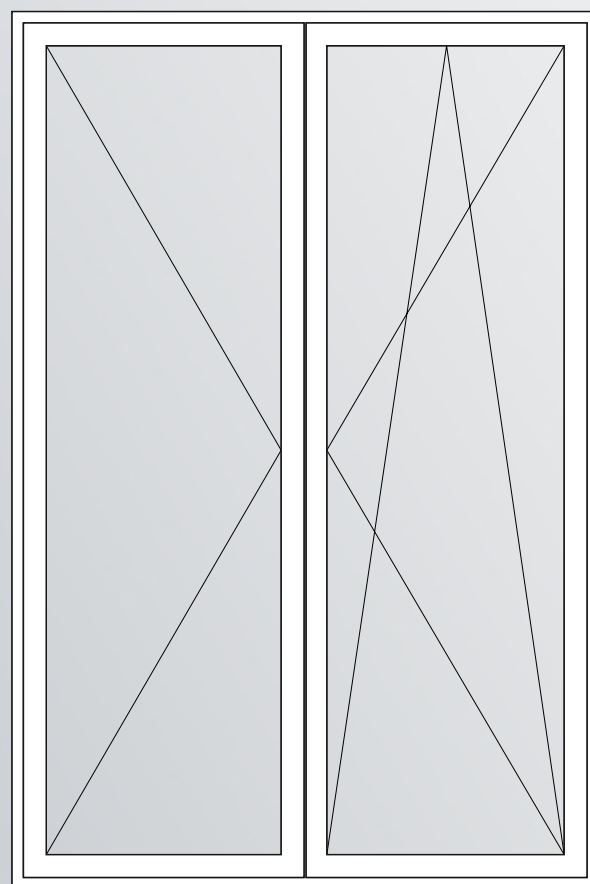
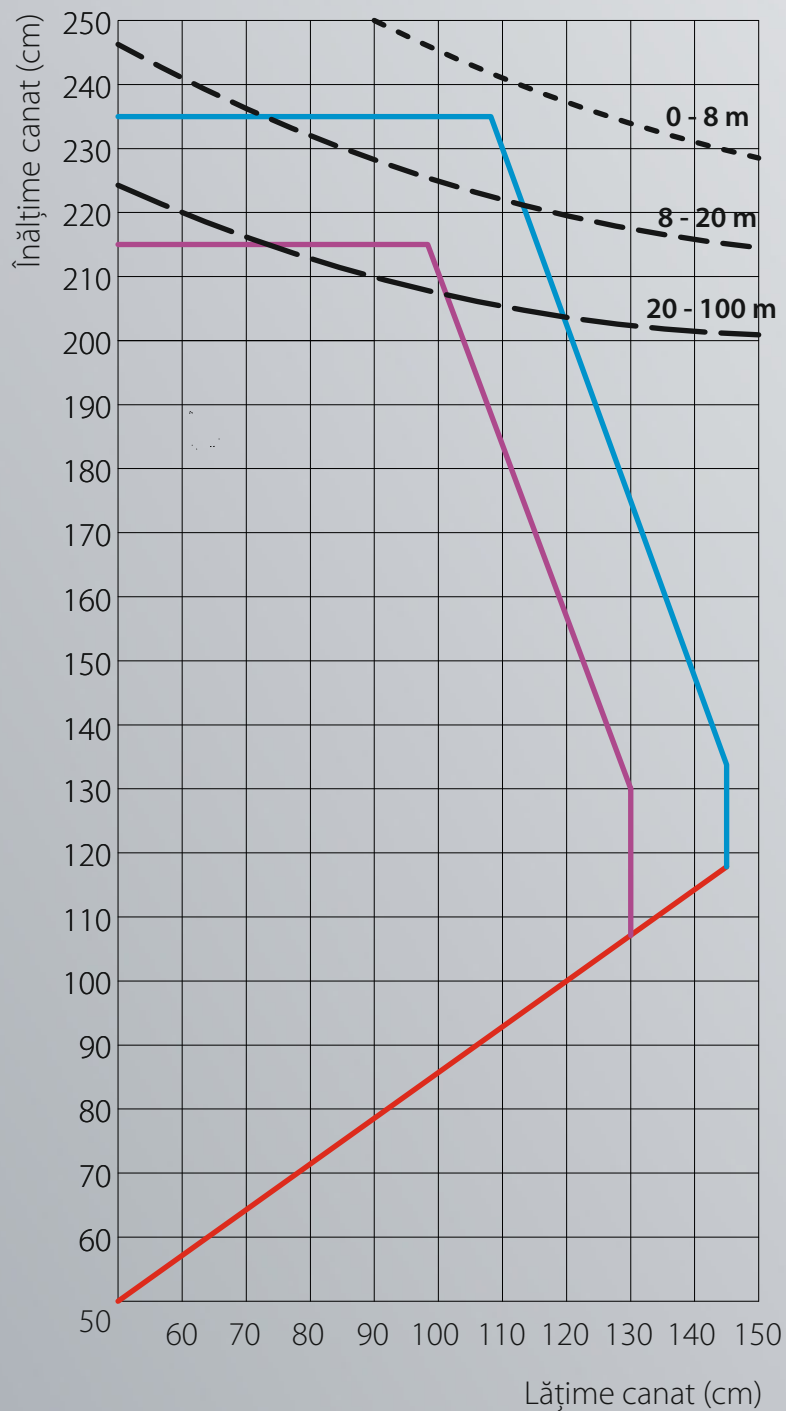
- profile albe
- profile color
- - - grupa de solicitare 0 - 8 m
- - - grupa de solicitare 8 - 20 m
- - - grupa de solicitare 20 - 100 m



809-04	809-01	809-04
$g=1,5\text{mm}$	$g=1,5\text{mm}$	$g=1,5\text{mm}$
$I_x=5,19\text{cm}^4$	$I_x=1,92\text{cm}^4$	$I_x=5,19\text{cm}^4$
$I_y=3,38\text{cm}^4$	$I_y=1,01\text{cm}^4$	$I_y=3,38\text{cm}^4$

Cap.13 Limitări dimensionale

13.3 Ferestre și uși de balcon în două canate cu montant mobil



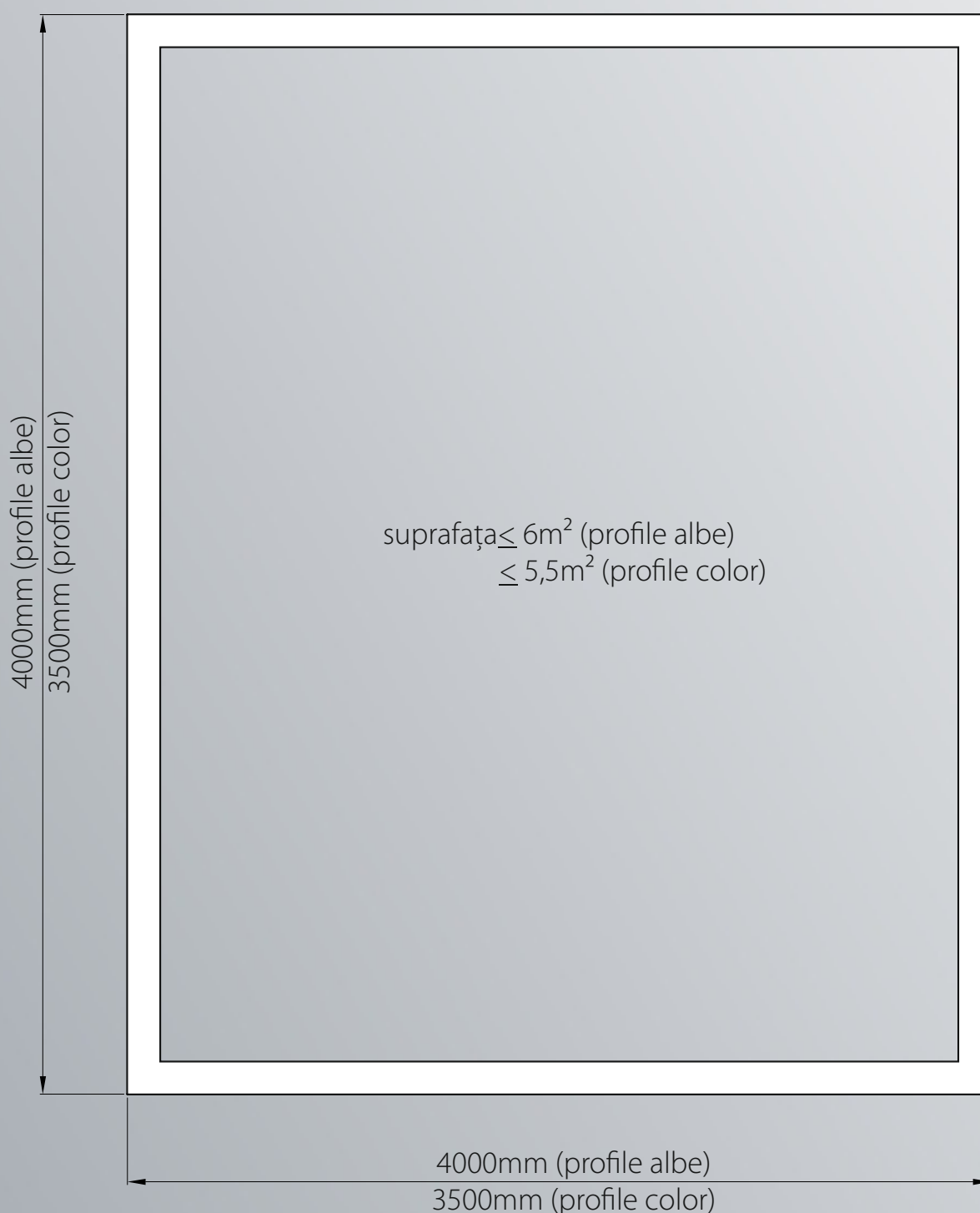
809-04	809-01	809-04
$g=2,0\text{mm}$	$g=2,0\text{mm}$	$g=2,0\text{mm}$
$I_x=6,71\text{cm}^4$	$I_x=2,45\text{cm}^4$	$I_x=6,71\text{cm}^4$
$I_y=4,42\text{cm}^4$	$I_y=1,32\text{cm}^4$	$I_y=4,42\text{cm}^4$

Cap.13 Limitări dimensionale

13.4 Dimensiuni maxime recomandate

În subcapitolele anterioare au fost prezentate diagramele cu dimensiunile maxime ale canatelor ce rezultă în urma calculului la solicitările produse de vânt și de greutatea sticlei. Totuși, pentru o cât mai bună funcționalitate a tâmplăriei recomandăm următoarele dimensiuni maxime ale canatelor fixe și mobile.

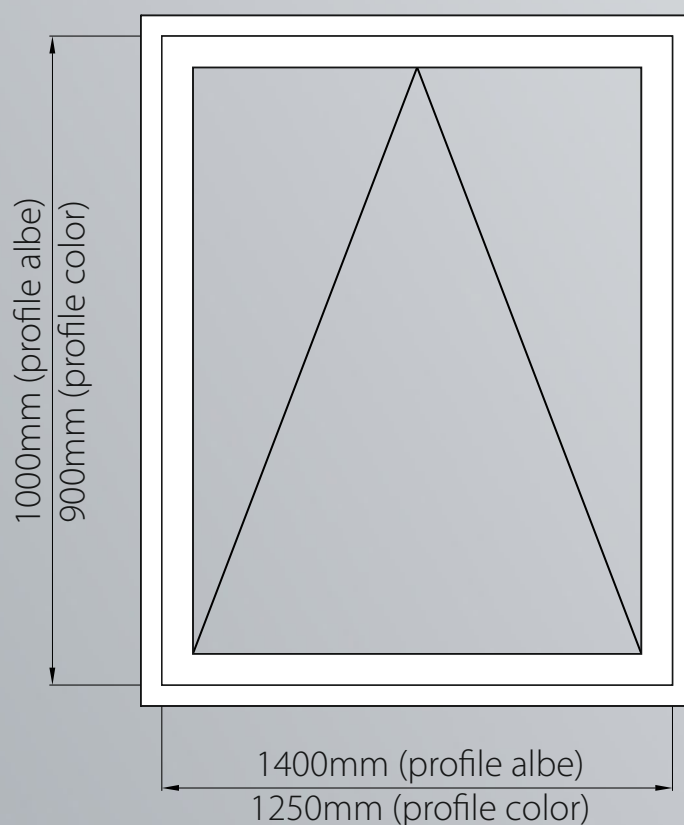
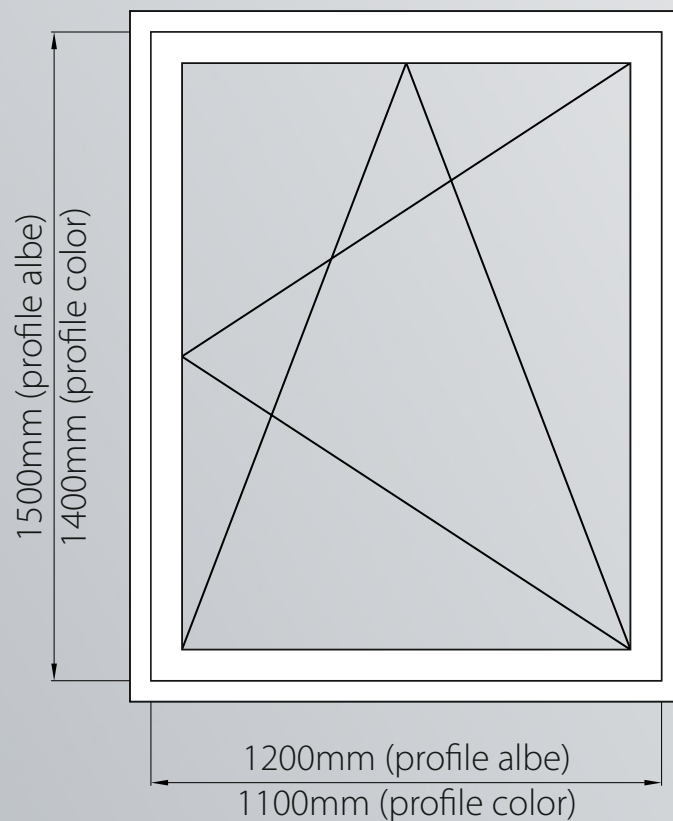
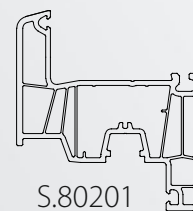
- Cadre ramă fixe:



Cap.13 Limitări dimensionale

13.4 Dimensiuni maxime recomandate

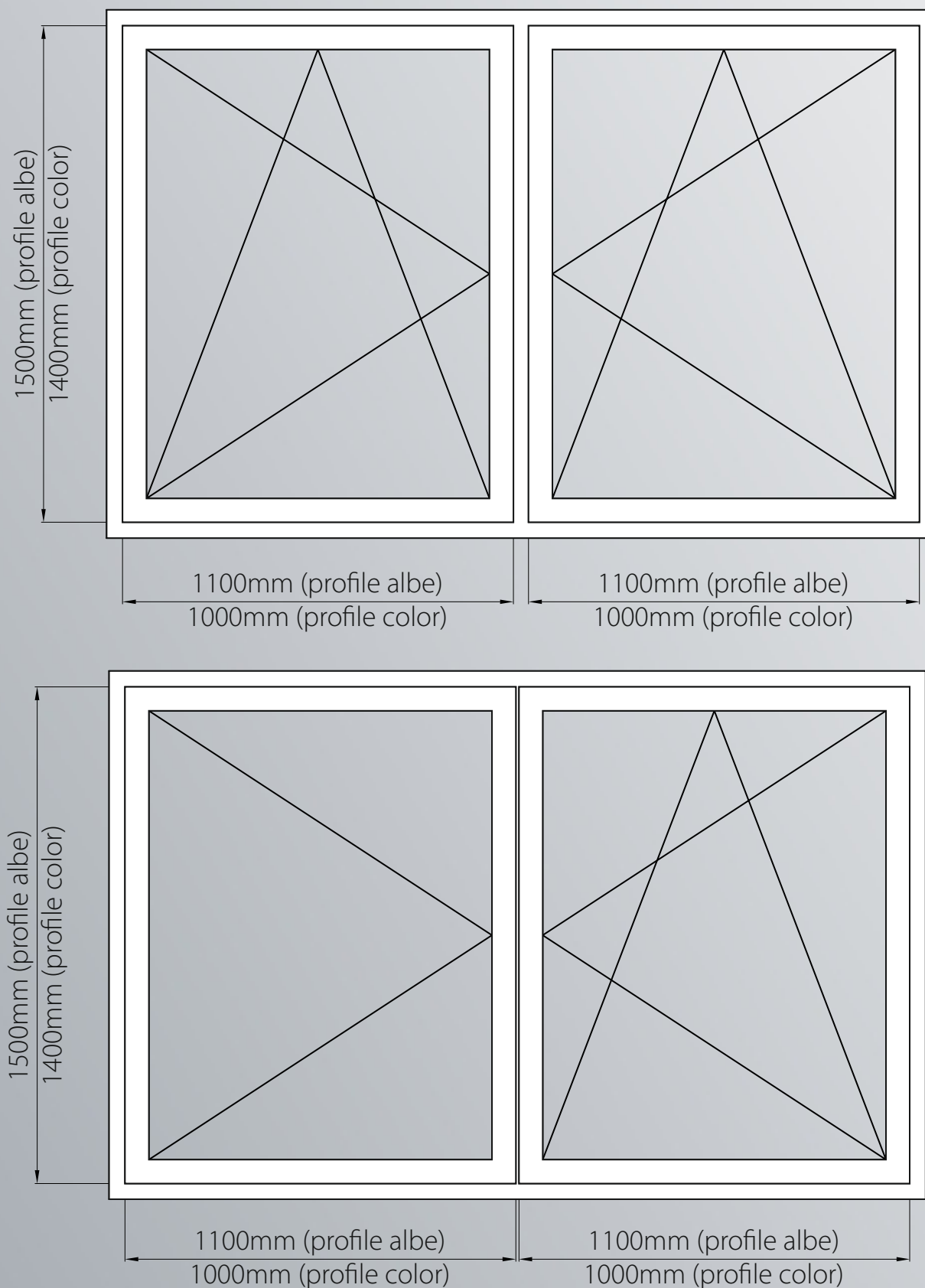
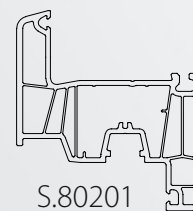
- Canate mobile (ferestre):



Cap.13 Limitări dimensionale

13.4 Dimensiuni maxime recomandate

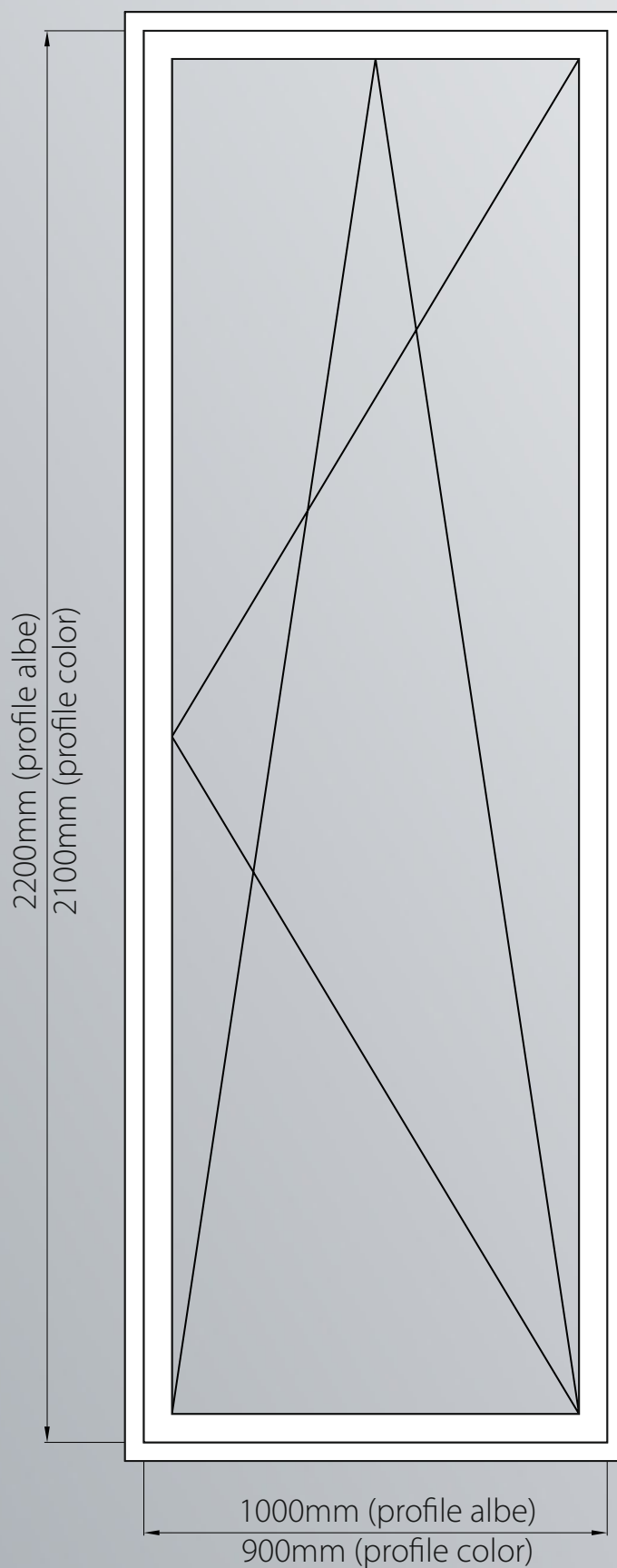
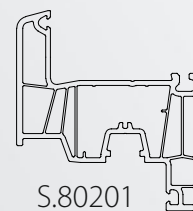
- Canate mobile (ferestre):



Cap.13 Limitări dimensionale

13.4 Dimensiuni maxime recomandate

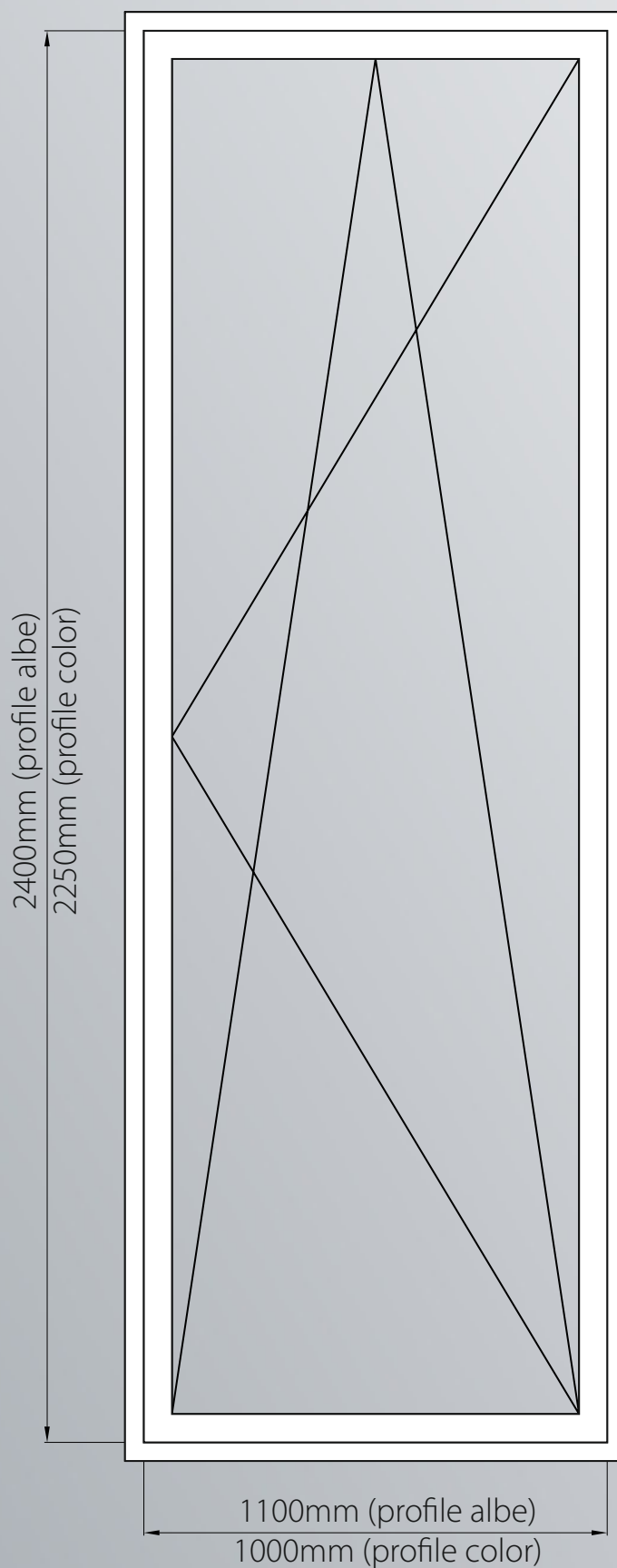
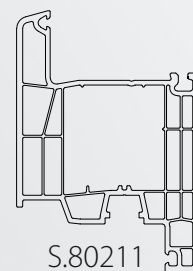
- Canate mobile (uși balcon):



Cap.13 Limitări dimensionale

13.4 Dimensiuni maxime recomandate

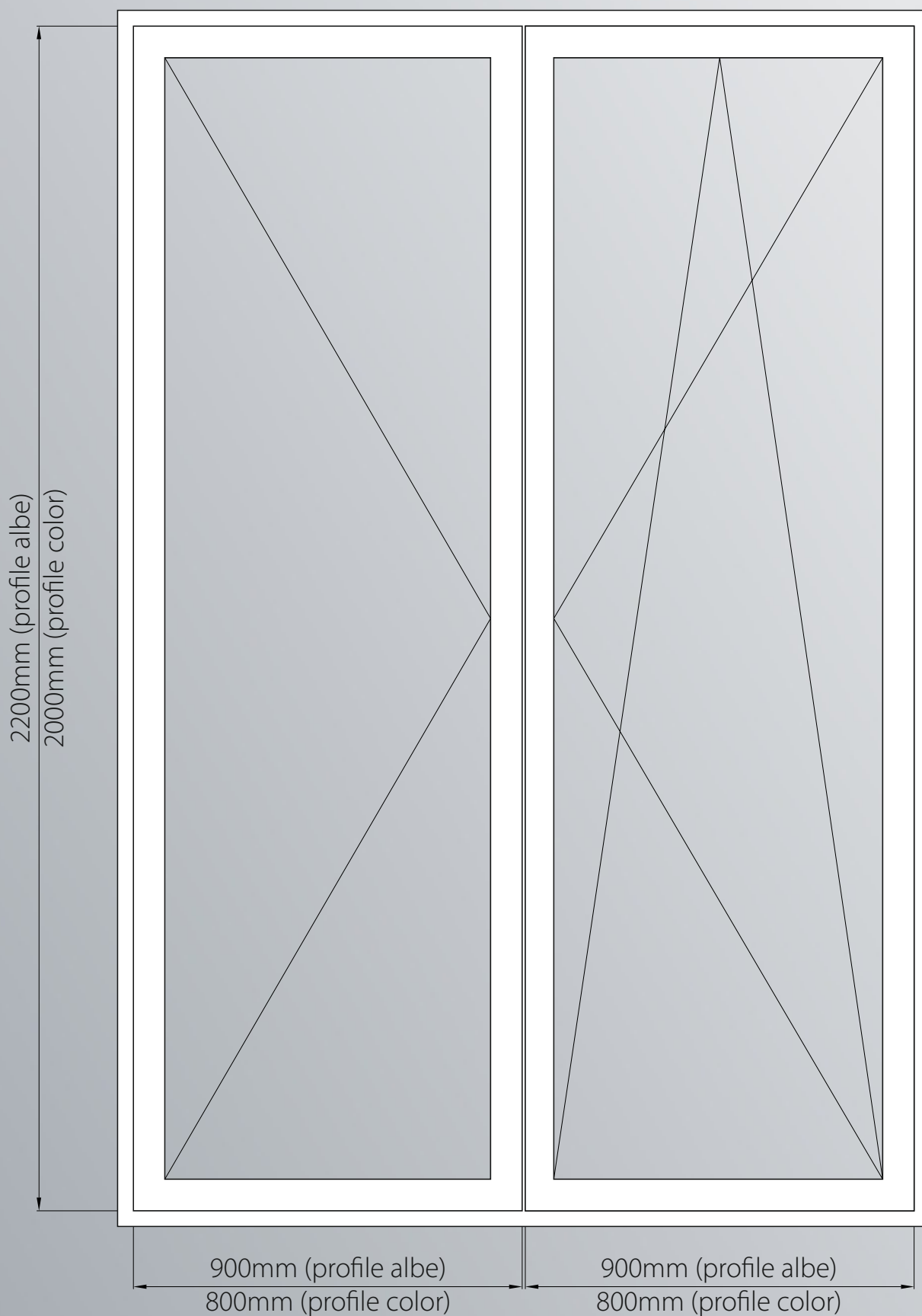
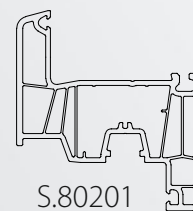
- Canate mobile (uși balcon):



Cap.13 Limitări dimensionale

13.4 Dimensiuni maxime recomandate

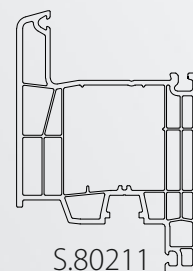
- Canate mobile (uși balcon):



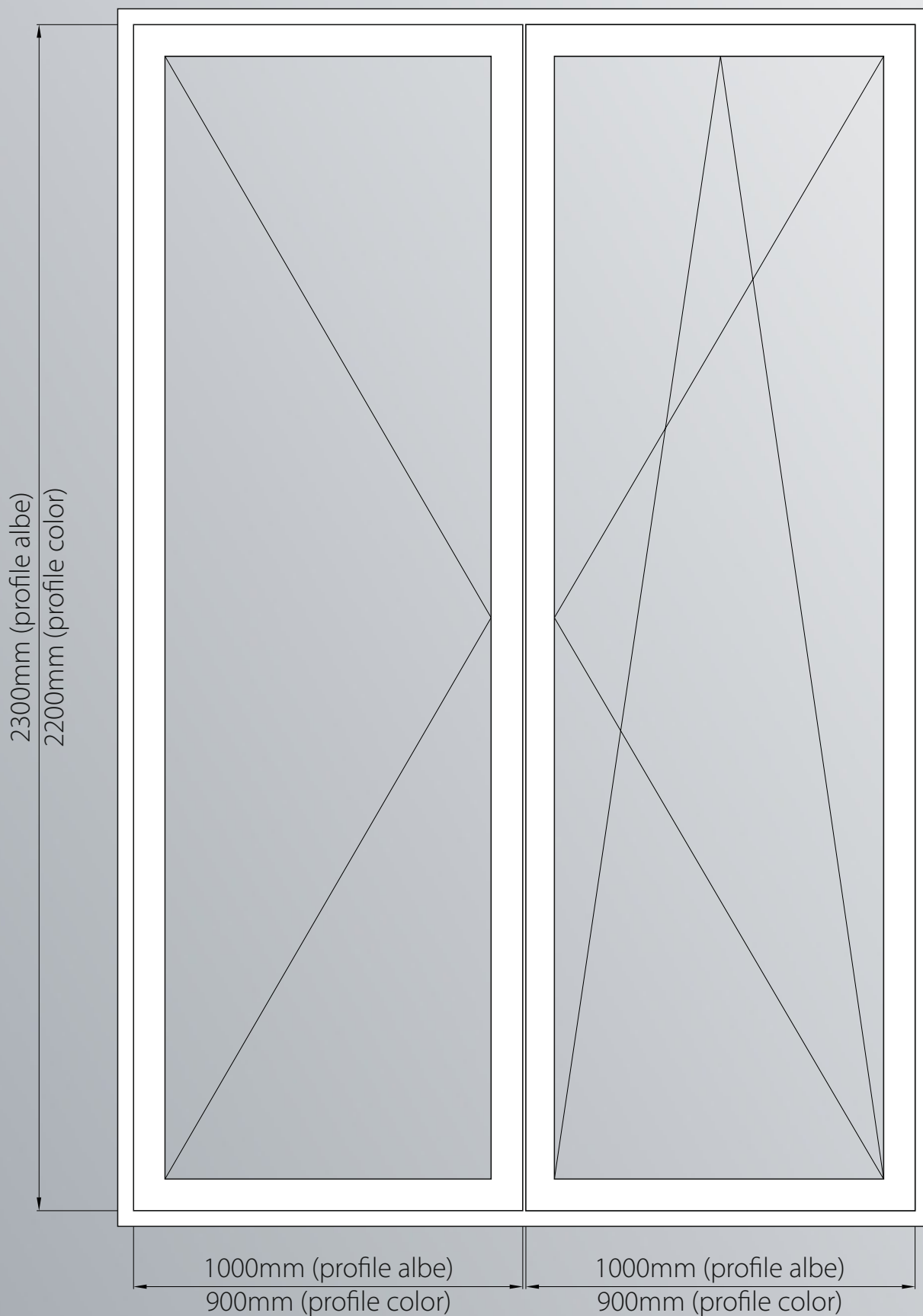
Cap.13 Limitări dimensionale

13.4 Dimensiuni maxime recomandate

- Canate mobile (uși balcon):



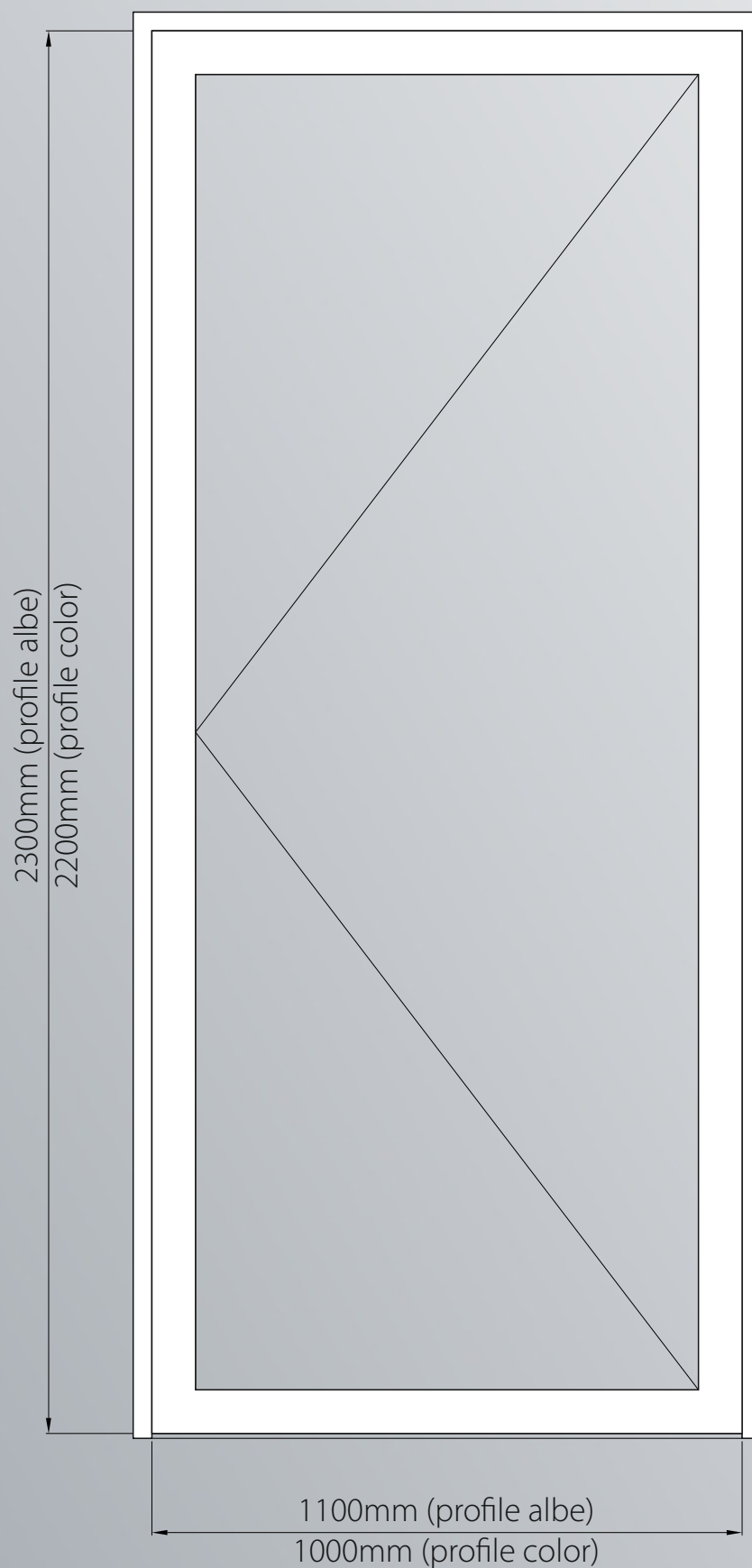
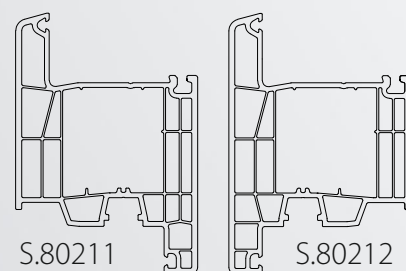
S.80211



Cap.13 Limitări dimensionale

13.4 Dimensiuni maxime recomandate

- Canate mobile (uși pietonale):



Cap.13 Limitări dimensionale

13.4 Dimensiuni maxime recomandate

- Canate mobile (uși pietonale):

