



*Calidad en detalles fundamentales*

Catálogo  
Corredera rpt **HYBRID**



## INDICE

1\_ Características técnicas de la serie

2\_ Accesorios y juntas

3\_ Relación de perfiles

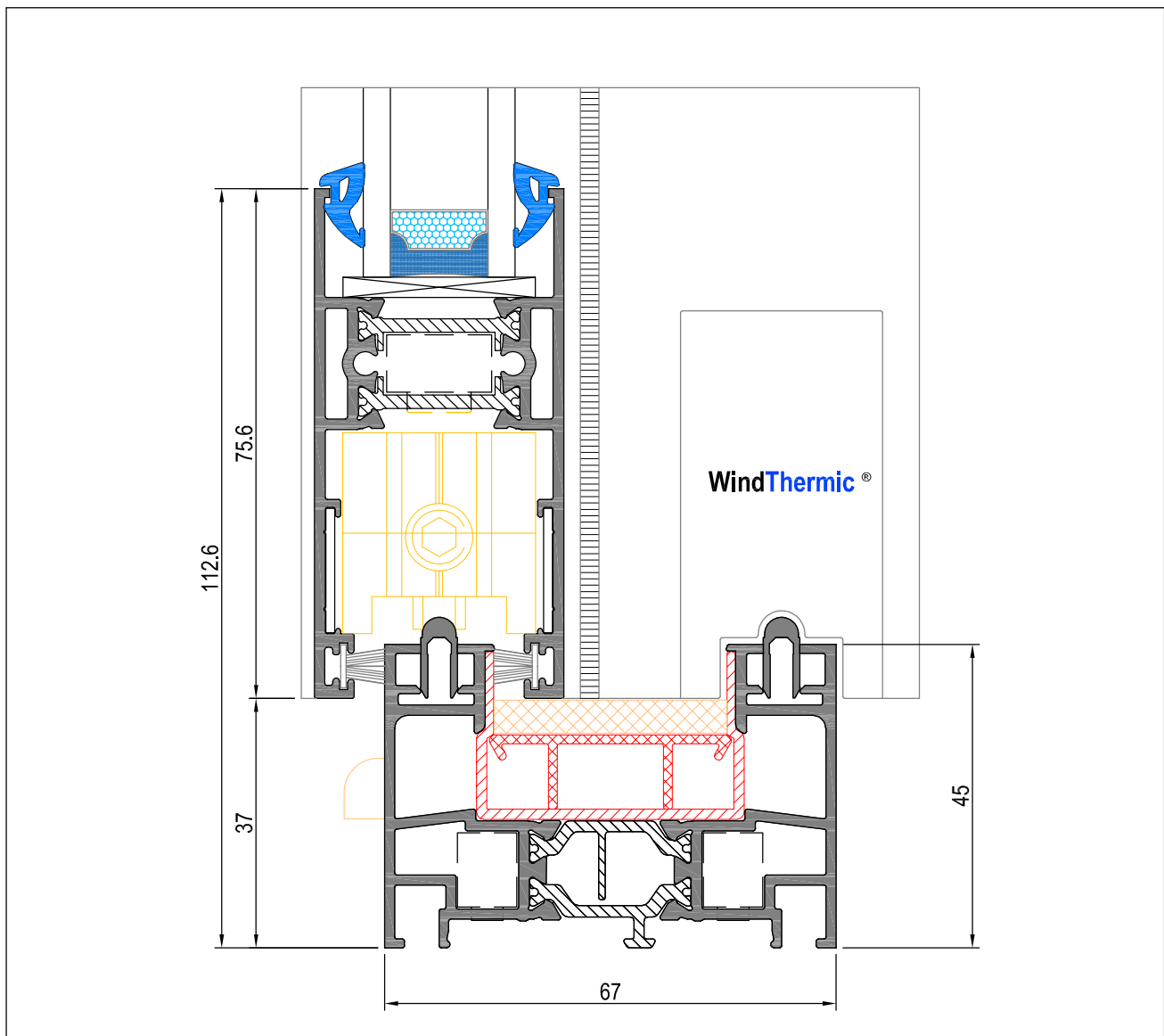
4\_ Perfiles y Acristalamiento

5\_ Nudos

6\_ Lista de corte

## FICHA TÉCNICA HYBRID

|                       |                                                                                          |
|-----------------------|------------------------------------------------------------------------------------------|
| Secciones             | Marcos de 67, 83 y 95 mm<br>Hoja perimetral de 37mm y cruce de 30 mm                     |
| Longitud de poliamida | 24 y 30 mm. Poliamida 6.6 con 25% de fibra de vidrio                                     |
| Acristalamiento       | Hasta 30 mm                                                                              |
| Dimensiones máximas   | Ancho (L) = 1700 mm y alto (H) = 2500 mm (consultar dimensiones máximas según tipología) |
| Peso máximo por hoja  | 170 kg. (consultar dimensiones máximas según tipología)                                  |



## DATOS TÉCNICOS

### CLASIFICACIONES DE ENSAYOS

#### Ensayos de aire, agua y viento

##### VENTANA DE DOS HOJAS

**Permeabilidad al aire**  
UNE-EN 1026:2017 UNE-EN 12207:2017

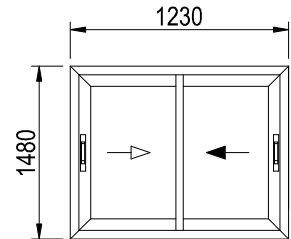
|         |         |                |         |
|---------|---------|----------------|---------|
| CLASE 1 | CLASE 2 | <b>CLASE 3</b> | CLASE 4 |
|---------|---------|----------------|---------|

**Estanqueidad al agua**  
UNE-EN 1027:2017 UNE-EN 12208:2000

|    |    |    |    |    |           |    |    |    |       |
|----|----|----|----|----|-----------|----|----|----|-------|
| 1A | 2A | 3A | 4A | 5A | <b>6A</b> | 7A | 8A | 9A | E1800 |
|----|----|----|----|----|-----------|----|----|----|-------|

**Resistencia al viento**  
UNE-EN 12211:2017 UNE-EN 12210:2017

|          |          |          |          |                 |
|----------|----------|----------|----------|-----------------|
| CLASE C1 | CLASE C2 | CLASE C3 | CLASE C4 | <b>CLASE C5</b> |
|----------|----------|----------|----------|-----------------|



##### BALCONERA DE DOS HOJAS

**Permeabilidad al aire**  
UNE-EN 1026:2017 UNE-EN 12207:2017

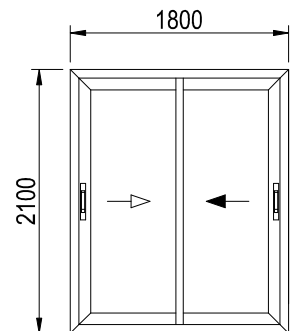
|         |         |         |                |
|---------|---------|---------|----------------|
| CLASE 1 | CLASE 2 | CLASE 3 | <b>CLASE 4</b> |
|---------|---------|---------|----------------|

**Estanqueidad al agua**  
UNE-EN 1027:2017 UNE-EN 12208:2000

|    |    |    |    |    |           |    |    |    |       |
|----|----|----|----|----|-----------|----|----|----|-------|
| 1A | 2A | 3A | 4A | 5A | <b>6A</b> | 7A | 8A | 9A | E1800 |
|----|----|----|----|----|-----------|----|----|----|-------|

**Resistencia al viento**  
UNE-EN 12211:2017 UNE-EN 12210:2017

|          |          |          |                 |          |
|----------|----------|----------|-----------------|----------|
| CLASE C1 | CLASE C2 | CLASE C3 | <b>CLASE C4</b> | CLASE C5 |
|----------|----------|----------|-----------------|----------|



#### Ensayos térmicos

**Transmitancia térmica**  
UNE-EN 10077-1:2006

| Ug        | Denominación                             | Uw        |
|-----------|------------------------------------------|-----------|
| 1,3 W/m²K | Ventana de dos hojas corredera 1230x1480 | 1,8 W/m²K |
| 1,4 W/m²K | Ventana de dos hojas corredera 1230x1480 | 1,9 W/m²K |
| 1,0 W/m²K | Ventana de dos hojas corredera 1230x1480 | 1,5 W/m²K |
| 0,6 W/m²K | Ventana de dos hojas corredera 1230x1480 | 1,2 W/m²K |

#### Ensayos acústicos

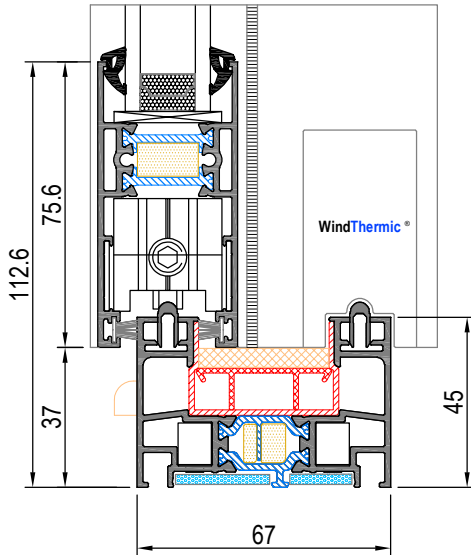
**Aislamiento acústico**  
UNE-EN 14351-1:2006+A2:2017

| Acristalamiento | Denominación                             | Uw            |
|-----------------|------------------------------------------|---------------|
| 36(-3;-7) dB    | Ventana de dos hojas corredera 1230x1480 | 37 (-1;-5) dB |

### COEFICIENTE DE TRANSMITANCIA TÉRMICA

SOLUCIÓN EF+

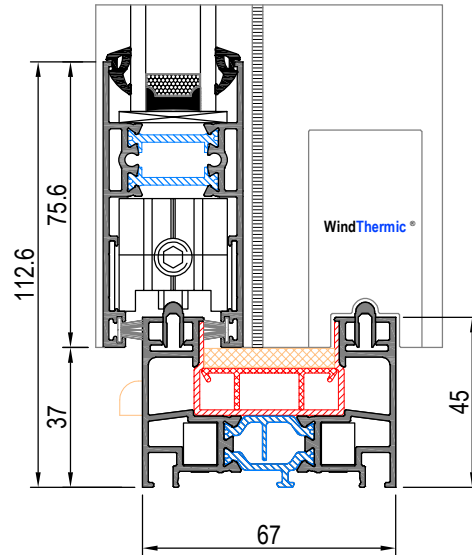
$U_f = 3.1 \text{ W/m}^2\text{K}$



### COEFICIENTE DE TRANSMITANCIA TÉRMICA

SOLUCIÓN BASICA

$U_f = 3.4 \text{ W/m}^2\text{K}$



### Cálculo de transmitancia térmica ( $U_w$ ) para ventana de dos hojas con dimensiones 1500x2200

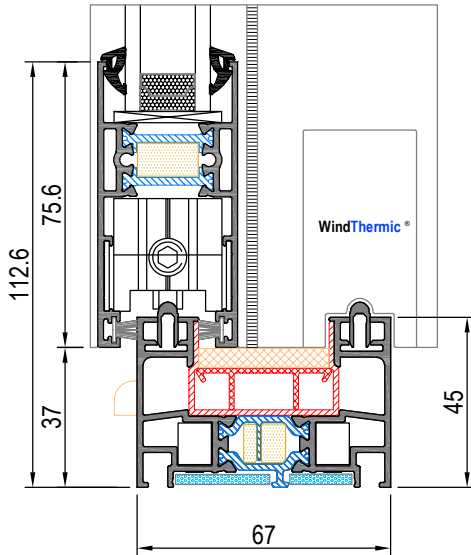
| SOLUCIÓN EF+ | INTERCALARIO VIDRIO         | $\psi_g$<br>[W/mK] | VIDRIO DOBLE               |     |     |     |     |
|--------------|-----------------------------|--------------------|----------------------------|-----|-----|-----|-----|
|              |                             |                    | $U_g$ [W/m <sup>2</sup> K] |     |     |     |     |
|              |                             |                    | 2.9                        | 1.6 | 1.3 | 1.1 | 0.9 |
|              | ALUMINIO                    | 0.110              | 2.6                        | 2.4 | 2.2 | 2.0 | 1.9 |
|              | SPACER M TECHNOFORM         | 0.049              | 2.4                        | 2.2 | 2.0 | 1.8 | 1.7 |
|              | SPACER PRECISION TECHNOFORM | 0.036              | 2.4                        | 2.1 | 1.9 | 1.8 | 1.6 |

| SOLUCIÓN BÁSICA | INTERCALARIO VIDRIO         | $\psi_g$<br>[W/mK] | VIDRIO DOBLE               |     |     |     |     |
|-----------------|-----------------------------|--------------------|----------------------------|-----|-----|-----|-----|
|                 |                             |                    | $U_g$ [W/m <sup>2</sup> K] |     |     |     |     |
|                 |                             |                    | 2.9                        | 1.6 | 1.3 | 1.1 | 0.9 |
|                 | ALUMINIO                    | 0.110              | 2.7                        | 2.4 | 2.2 | 2.1 | 1.9 |
|                 | SPACER M TECHNOFORM         | 0.049              | 2.5                        | 2.2 | 2.0 | 1.9 | 1.7 |
|                 | SPACER PRECISION TECHNOFORM | 0.036              | 2.5                        | 2.2 | 2.0 | 1.8 | 1.7 |

### COEFICIENTE DE TRANSMITANCIA TÉRMICA

SOLUCIÓN EF+

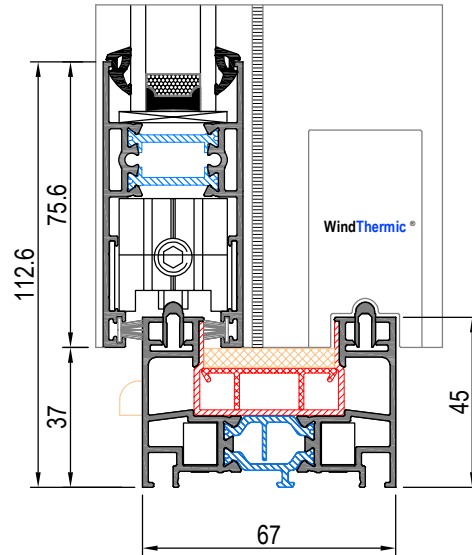
$U_f = 3.1 \text{ W/m}^2\text{K}$



### COEFICIENTE DE TRANSMITANCIA TÉRMICA

SOLUCIÓN BÁSICA

$U_f = 3.4 \text{ W/m}^2\text{K}$



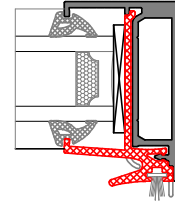
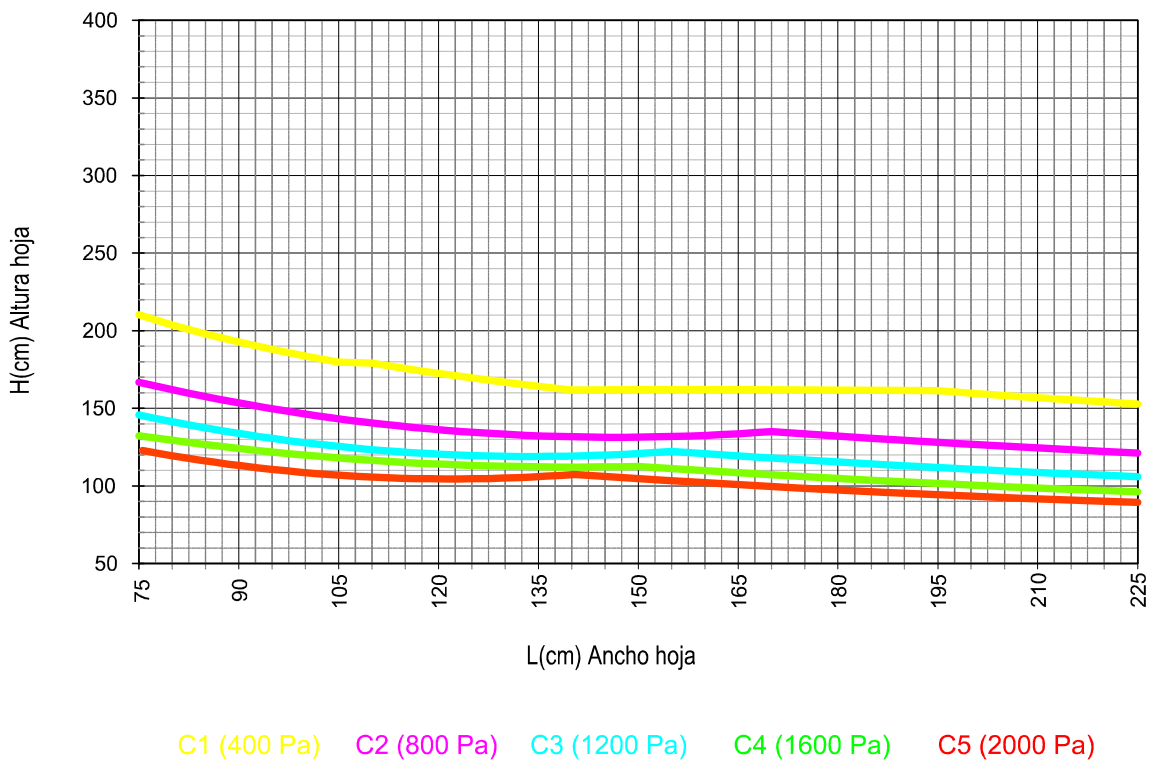
### Cálculo de transmitancia térmica ( $U_w$ ) para ventana de dos hojas con dimensiones 4000x2500

| SOLUCIÓN EF+ | INTERCALARIO VIDRIO         | $\psi_g$<br>[W/mK] | VIDRIO DOBLE               |     |     |     |     |
|--------------|-----------------------------|--------------------|----------------------------|-----|-----|-----|-----|
|              |                             |                    | $U_g$ [W/m <sup>2</sup> K] |     |     |     |     |
|              |                             |                    | 2.9                        | 1.6 | 1.3 | 1.1 | 0.9 |
|              | ALUMINIO                    | 0.110              | 2.3                        | 2.0 | 1.8 | 1.6 | 1.4 |
|              | SPACER M TECHNOFORM         | 0.049              | 2.2                        | 1.9 | 1.7 | 1.5 | 1.3 |
|              | SPACER PRECISION TECHNOFORM | 0.036              | 2.2                        | 1.9 | 1.6 | 1.5 | 1.3 |

| SOLUCIÓN BÁSICA | INTERCALARIO VIDRIO         | $\psi_g$<br>[W/mK] | VIDRIO DOBLE               |     |     |     |     |
|-----------------|-----------------------------|--------------------|----------------------------|-----|-----|-----|-----|
|                 |                             |                    | $U_g$ [W/m <sup>2</sup> K] |     |     |     |     |
|                 |                             |                    | 2.9                        | 1.6 | 1.3 | 1.1 | 0.9 |
|                 | ALUMINIO                    | 0.110              | 2.3                        | 2.1 | 1.8 | 1.6 | 1.5 |
|                 | SPACER M TECHNOFORM         | 0.049              | 2.2                        | 2.0 | 1.7 | 1.5 | 1.4 |
|                 | SPACER PRECISION TECHNOFORM | 0.036              | 2.2                        | 1.9 | 1.7 | 1.5 | 1.3 |

**SELECCIÓN DEL PERFIL CENTRAL SEGÚN DIMENSIONES DE HOJA**

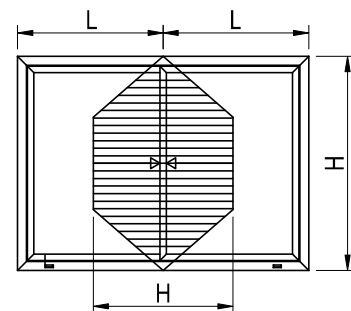
Clasificación deformación según UNE-EN 12210:2000  
hoja perimetral 82300 ( $I_x = 5,10 \text{ cm}^4$ )


**DIMENSIONES MÁXIMAS**


C1 (400 Pa)   C2 (800 Pa)   C3 (1200 Pa)   C4 (1600 Pa)   C5 (2000 Pa)

| Clasificación de la ventana según norma UNE-EN 12210 |                    |
|------------------------------------------------------|--------------------|
| Clase                                                | Carga de Viento    |
| 1                                                    | 400 Pa - 93 km/h   |
| 2                                                    | 800 Pa - 131 km/h  |
| 3                                                    | 1200 Pa - 161 Km/h |
| 4                                                    | 1600 Pa - 186 km/h |
| 5                                                    | 2000 Pa - 208 km/h |
| Exxxx                                                | xxxx               |

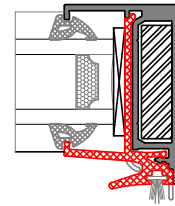
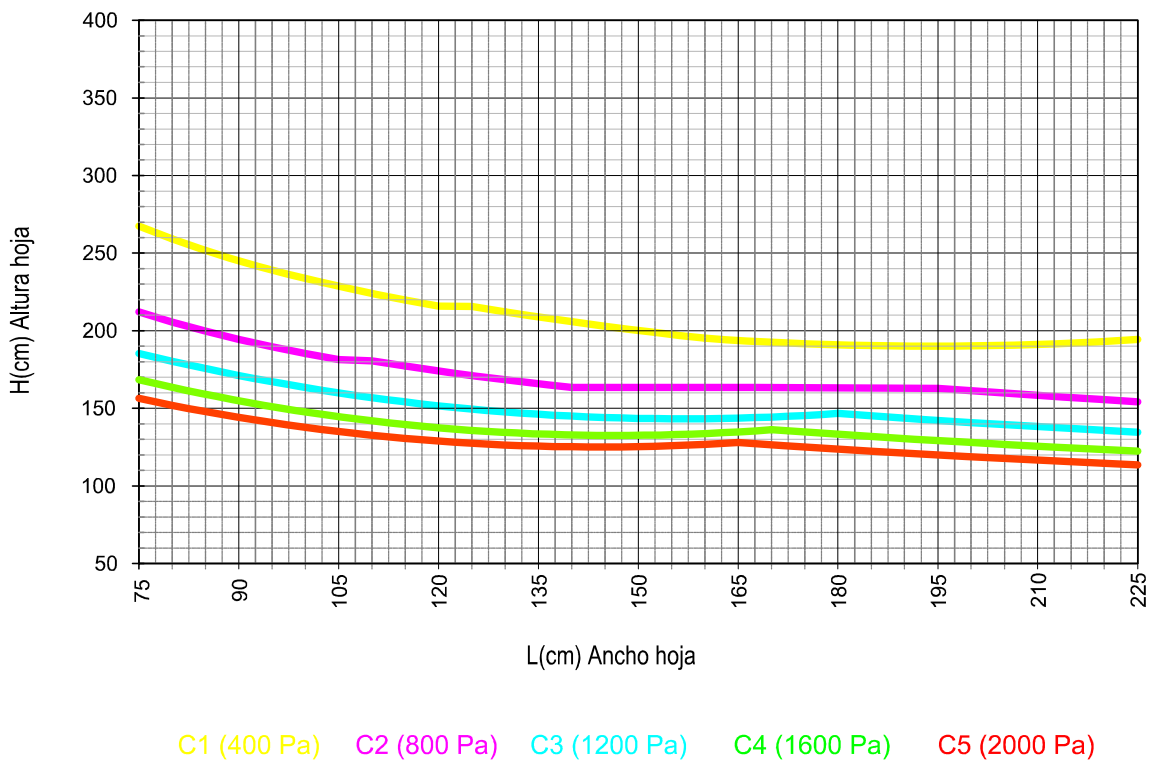
| Clasificación de la flecha relativa según norma UNE-EN 12210 |                |
|--------------------------------------------------------------|----------------|
| Clase                                                        | Flecha Frontal |
| A                                                            | < 1/150        |
| B                                                            | < 1/200        |
| C                                                            | < 1/300        |



Nota: estos valores son orientativos, ya que el número de puntos de cierre puede variar el resultado final.

**SELECCIÓN DEL PERFIL CENTRAL SEGÚN DIMENSIONES DE HOJA**

Clasificación deformación según UNE-EN 12210:2000  
 hoja perimetral 82300 ( $I_x = 10,47 \text{ cm}^4$ )  
 Refuerzo de pletina de acero 30x8


**DIMENSIONES MÁXIMAS**


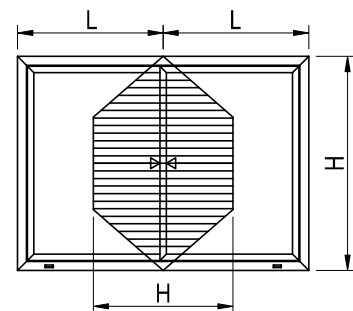
H(cm) Altura hoja

L(cm) Ancho hoja

C1 (400 Pa) C2 (800 Pa) C3 (1200 Pa) C4 (1600 Pa) C5 (2000 Pa)

| Clasificación de la ventana según norma UNE-EN 12210 |                    |
|------------------------------------------------------|--------------------|
| Clase                                                | Carga de Viento    |
| 1                                                    | 400 Pa - 93 km/h   |
| 2                                                    | 800 Pa - 131 km/h  |
| 3                                                    | 1200 Pa - 161 Km/h |
| 4                                                    | 1600 Pa - 186 km/h |
| 5                                                    | 2000 Pa - 208 km/h |
| Exxxx                                                | xxxx               |

| Clasificación de la flecha relativa según norma UNE-EN 12210 |                |
|--------------------------------------------------------------|----------------|
| Clase                                                        | Flecha Frontal |
| A                                                            | < 1/150        |
| B                                                            | < 1/200        |
| C                                                            | < 1/300        |

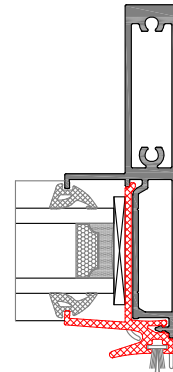


Nota: estos valores son orientativos, ya que el número de puntos de cierre puede variar el resultado final.

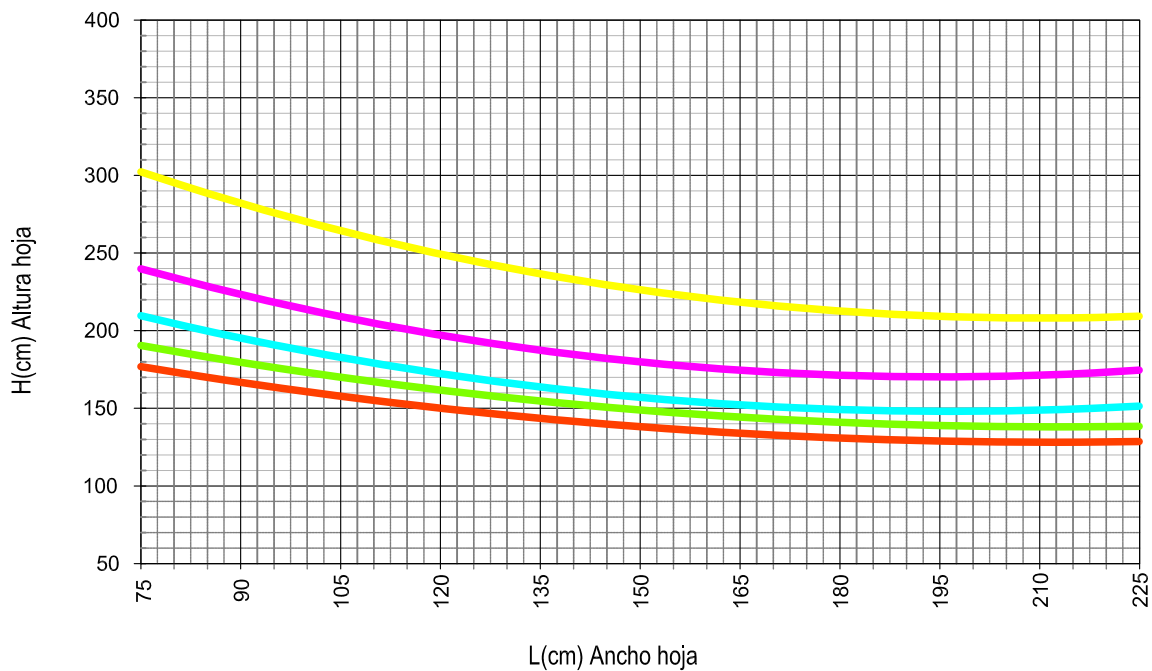


**SELECCIÓN DEL PERFIL CENTRAL SEGÚN DIMENSIONES DE HOJA**

Clasificación deformación según UNE-EN 12210:2000  
hoja perimetral 82300 ( $I_x = 30,36 \text{ cm}^4$ )



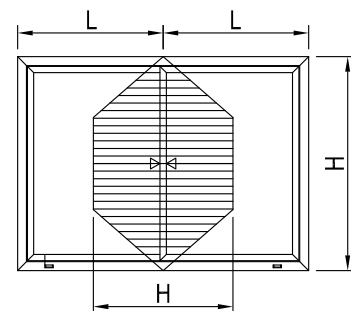
DIMENSIONES MÁXIMAS



C1 (400 Pa)   **C2 (800 Pa)**   C3 (1200 Pa)   C4 (1600 Pa)   C5 (2000 Pa)

| Clasificación de la ventana según norma UNE-EN 12210 |                    |
|------------------------------------------------------|--------------------|
| Clase                                                | Carga de Viento    |
| 1                                                    | 400 Pa - 93 km/h   |
| 2                                                    | 800 Pa - 131 km/h  |
| 3                                                    | 1200 Pa - 161 Km/h |
| 4                                                    | 1600 Pa - 186 km/h |
| 5                                                    | 2000 Pa - 208 km/h |
| Exxxx                                                | xxxx               |

| Clasificación de la flecha relativa según norma UNE-EN 12210 |                |
|--------------------------------------------------------------|----------------|
| Clase                                                        | Flecha Frontal |
| A                                                            | < 1/150        |
| B                                                            | < 1/200        |
| C                                                            | < 1/300        |

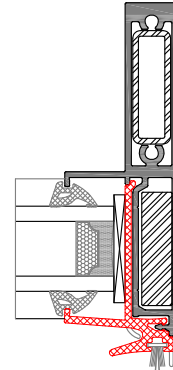


Nota: estos valores son orientativos, ya que el número de puntos de cierre puede variar el resultado final.

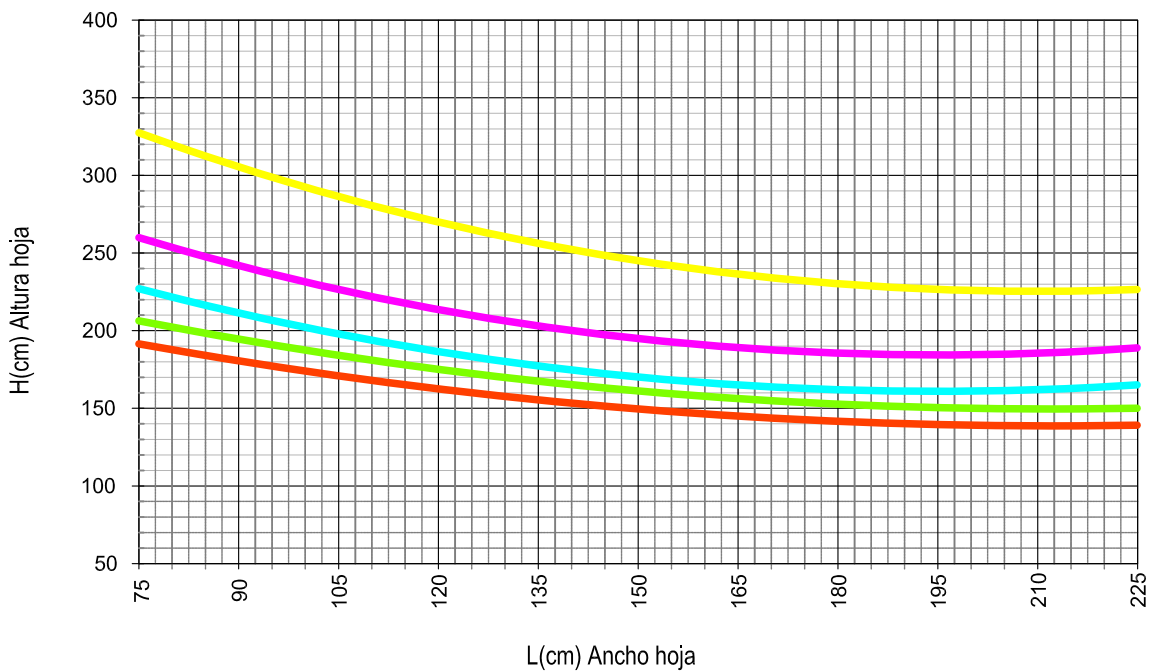
## Datos Técnicos

### SELECCIÓN DEL PERFIL CENTRAL SEGÚN DIMENSIONES DE HOJA

Clasificación deformación según UNE-EN 12210:2000  
 hoja perimetral 82303 ( $I_x = 38,57 \text{ cm}^4$ )  
 Refuerzo de rectangular de acero 30x10



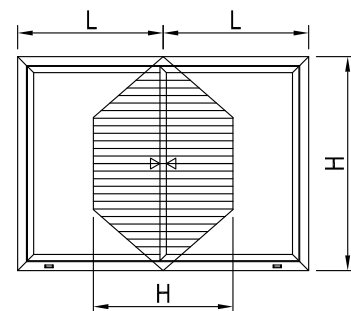
DIMENSIONES MÁXIMAS



C1 (400 Pa)   C2 (800 Pa)   C3 (1200 Pa)   C4 (1600 Pa)   C5 (2000 Pa)

| Clasificación de la ventana según norma UNE-EN 12210 |                    |
|------------------------------------------------------|--------------------|
| Clase                                                | Carga de Viento    |
| 1                                                    | 400 Pa - 93 km/h   |
| 2                                                    | 800 Pa - 131 km/h  |
| 3                                                    | 1200 Pa - 161 Km/h |
| 4                                                    | 1600 Pa - 186 km/h |
| 5                                                    | 2000 Pa - 208 km/h |
| Exxx                                                 | xxx                |

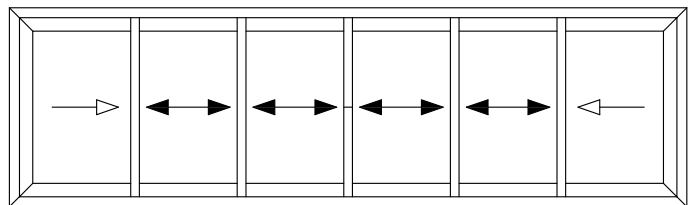
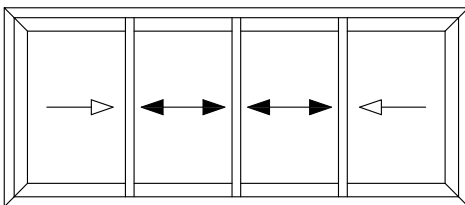
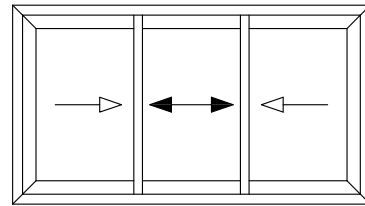
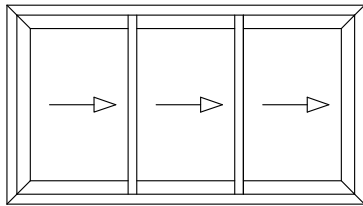
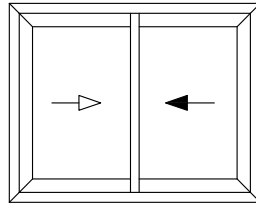
| Clasificación de la flecha relativa según norma UNE-EN 12210 |                |
|--------------------------------------------------------------|----------------|
| Clase                                                        | Flecha Frontal |
| A                                                            | < 1/150        |
| B                                                            | < 1/200        |
| C                                                            | < 1/300        |

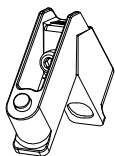


Nota: estos valores son orientativos, ya que el número de puntos de cierre puede variar el resultado final.

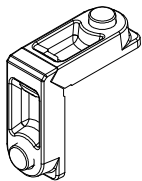
## POSIBILIDADES DE APERTURA

CORREDERA  
CORREDERA ELEVABLE

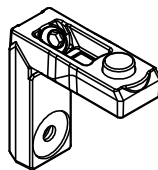


**0100911**


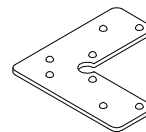
Escuadra 9 x 11

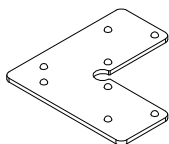
**0101911**


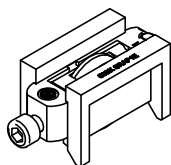
Escuadra 19,5 x 11

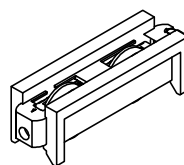
**0101508**


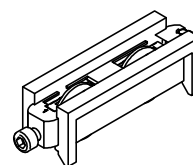
Escuadra 15 x 8

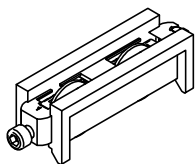
**0114212**

 Escuadra alineamiento  
inox. 14 x 1

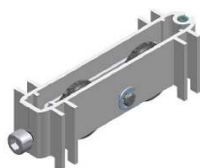
**0118412**

 Escuadra alineamiento  
inox. 18 x 1

**0808001**

 Carro simple regulable  
80 kg x hoja

**0816002**

 Carro doble fijo  
160 kg x hoja

**0816203**

 Carro doble regulable  
160 kg x hoja

**0182004**

 Carro doble regulable  
inox 200 kg x hoja

**0825005**

 Carro doble reg. (carril inox)  
250 kg x hoja

**0814506**


Cierre embutido 145

**0818507**


Cierre embutido 185

**0814508**

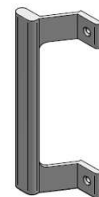
 Cierre embutido 145  
con tornillo

**0814509**

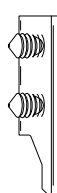
 Tirador para cierre  
embutido 145

**0814510**

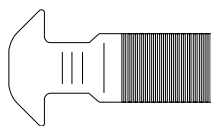
 Cierre embutido 145 + Maneta  
exterior con llave

**0814511**


Tirador sobrepuesto

**0810010**


Cerradero marco

**0810011**


Gancho cierre

**0840029**

 Cierre recto con tirador recto  
para multipunto

**0840030**

 Cierre curvo con tirador recto  
para multipunto

**0840019**


Cierre 1 punto

**0840020**

 Cierre 2 puntos  
650 mm opción bombín

**0840021**

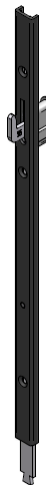
 Cierre 2 puntos  
650 mm

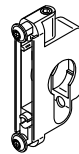
**0840022**

 Cierre 3 puntos  
1150 mm opción bombín

**0840023**

 Cierre 4 puntos  
1500 mm opción bombín

**0840024**

 Alargador 1 punto  
500 mm

**0840025**


Adaptador bombín europeo

**0840033**

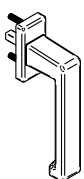
 Calzo para multipunto  
(1ud por punto de cierre)

**0840027**

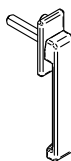
 Cierre curvo grande  
para multipunto

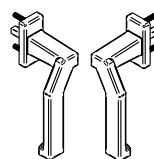
**0840028**

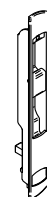
 Cierre curvo pequeño  
para multipunto

**0840031**


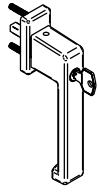
Manilla para multipunto

**0840032**

 Manilla plana  
para multipunto

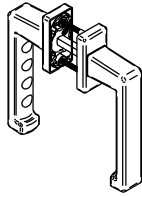
**0830012**

 Manilla acodada D/I  
para multipunto

**0840026**


Cierre para multipunto

**0830013**


Manilla para multipunto con llave

**0830014**


Manilla doble para multipunto

**0830015**


Escudo metálico con tornillo

**0830016**

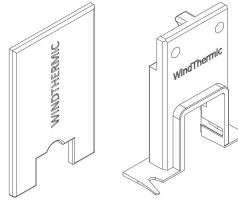

Escudo plástico adhesivo

**0830017**

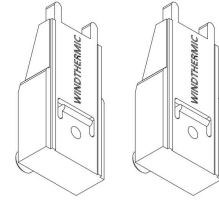

Manilla Xenon para multipunto grande

**0830018**

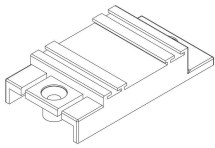

Manilla Xenon para multipunto pequeña

**1770019**


Conjunto tapas de cruce Dx y lx (una hoja)

**1770020**


Conjunto Tope lateral hoja (una hoja)

**1770021**


Cortavientos superior / inferior

**0106580**


Felpa con film hoja

**0105075**

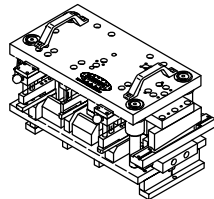

Felpa de cruce con film

**0106575**

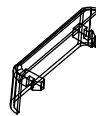

Felpa tres láminas hoja

**0105070**

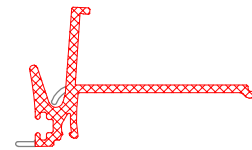

Felpa tres láminas cruce

**TRT0005**


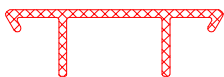
Troquel Hybrid

**0509025**


Tapa salida de guas

**82301**


Perfil PVC de cruce

**82302**


Perfil PVC para marco

**14100**


Perfil PVC U de marco







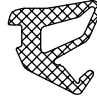
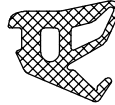
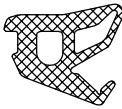



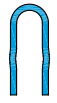
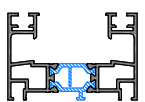
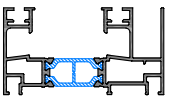
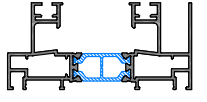
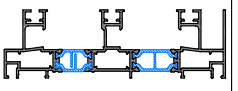
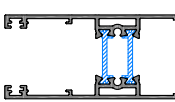
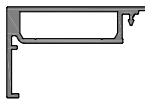
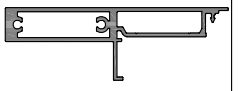
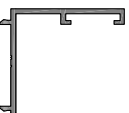
Refuerzo 30x8




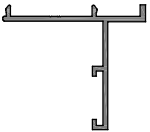






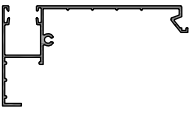
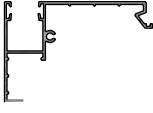
Refuerzo 30x10

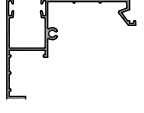
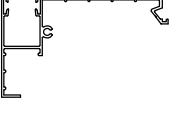
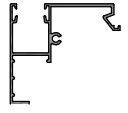


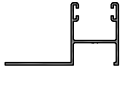
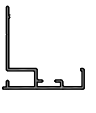
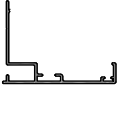
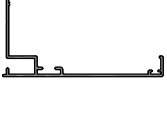
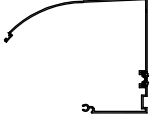
## Accesorios

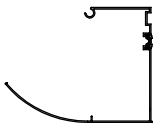

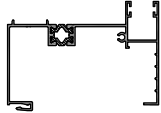


|                                                                                                                                             |                                                                                                                                          |                                                                                                                                                                  |                                                                                                                                              |
|---------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>03612746</b></p>  <p>Junta cierre canal marco</p>    | <p><b>03612745</b></p>  <p>Junta perimetral</p>         | <p><b>0304001</b></p>  <p>Junta interior hoja<br/>Junta exterior acristalar</p> | <p><b>0304896</b></p>  <p>Junta acrist. inte. 3 mm.</p>   |
| <p><b>0304897</b></p>  <p>Junta acrist. inte. 4 mm.</p>    | <p><b>0304898</b></p>  <p>Junta acrist. inte. 5 mm.</p> | <p><b>0304899</b></p>  <p>Junta acrist. inte. 6/7 mm.</p>                       | <p><b>0304890</b></p>  <p>Junta acrist. inte. 8/9 mm.</p> |
| <p><b>0304891</b></p>  <p>Junta acrist. inte. 10 mm.</p> |                                                                                                                                          |                                                                                                                                                                  |                                                                                                                                              |
|                                                                                                                                             |                                                                                                                                          |                                                                                                                                                                  |                                                                                                                                              |
|                                                                                                                                             |                                                                                                                                          |                                                                                                                                                                  |                                                                                                                                              |

| Referencia | Diseño                                                                              | Descripción               | Momentos Inercia |         |
|------------|-------------------------------------------------------------------------------------|---------------------------|------------------|---------|
|            |                                                                                     |                           | Lx (cm4)         | Ly(cm4) |
| 82005      |    | carril rodadura aluminio  | -                | -       |
|            |                                                                                     |                           |                  |         |
| 82006      |    | carril rodadura inox      | -                | -       |
|            |                                                                                     |                           |                  |         |
| 82100      |    | marco 67                  | 9.13             | 30.99   |
|            |                                                                                     |                           |                  |         |
| 82101      |   | marco 83.1                | 10.46            | 50.72   |
|            |                                                                                     |                           |                  |         |
| 82102      |  | marco 95.5                | 11.17            | 63.59   |
|            |                                                                                     |                           |                  |         |
| 82132      |  | marco tricarril 134       | 15.79            | 202.24  |
|            |                                                                                     |                           |                  |         |
| 82200      |  | Hoja perimetral           | 18.34            | 10.7    |
|            |                                                                                     |                           |                  |         |
| 82300      |  | Hoja central              | 0.03             | 0.13    |
|            |                                                                                     |                           |                  |         |
| 82303      |  | Perfil reforzado de cruce | 1.82             | 30.36   |
|            |                                                                                     |                           |                  |         |
| 40030      |  | solape de 30 mm.          | -                | -       |
|            |                                                                                     |                           |                  |         |

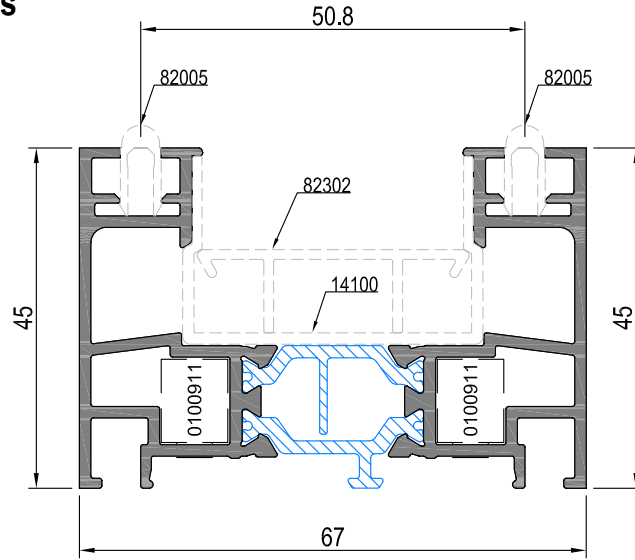


| Referencia | Diseño                                                                              | Descripción                            | Peso (Gr/mt) | Perímetro Total(mm) |
|------------|-------------------------------------------------------------------------------------|----------------------------------------|--------------|---------------------|
| 40033      |    | solape de 45 mm.                       | -            | -                   |
| 40037      |    | solape con bandeja de condensación     | -            | -                   |
| 00123      |    | vierteaguas 58.2 mm.                   | -            | -                   |
| 00122      |    | vierteaguas 68.2 mm.                   | -            | -                   |
| 40082      |  | vierteaguas 100 mm.                    | -            | -                   |
| 00143      |  | solape clipado de 30 mm.               | -            | -                   |
| 40034      |  | solape clipado de 45 mm.               | -            | -                   |
| 20123      |  | postizo interior para guia de persiana | -            | -                   |
| 30006      |  | guia de persiana de 98.2 mm.           | -            | -                   |
| 30007      |  | guia de persiana de 75 mm.             | -            | -                   |

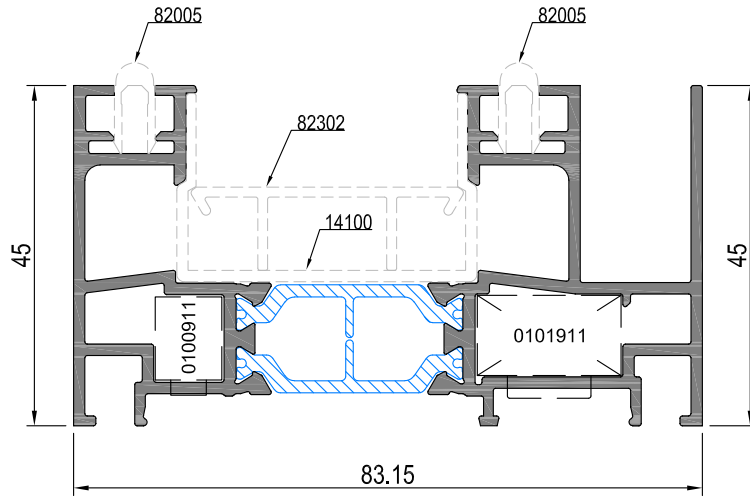
| Referencia | Diseño                                                                              | Descripción                         | Peso (Gr/mt) | Perímetro Total(mm) |
|------------|-------------------------------------------------------------------------------------|-------------------------------------|--------------|---------------------|
| 30010      |    | guia de persiana de 65 mm.          | -            | -                   |
| 30011      |    | guia de persiana de 85 mm.          | -            | -                   |
| 30012      |    | guia de persiana de 55 mm.          | -            | -                   |
| 0058       |    | cortavientos interior persiana      | -            | -                   |
| 1210       |  | cortavientos exterior persiana      | -            | -                   |
| 20117      |  | guia de persiana con pala de 60 mm. | -            | -                   |
| A-7181     |  | tapajuntas reg. pers. de 40 mm.     | -            | -                   |
| 10481      |  | tapajuntas reg. pers. de 57 mm.     | -            | -                   |
| 10482      |  | tapajuntas reg. pers. de 82 mm.     | -            | -                   |
| 45067      |  | semi esquinero regulable 120 mm (A) | -            | -                   |

| Referencia | Diseño                                                                              | Descripción                         | Peso (Gr/mt) | Perímetro Total(mm) |
|------------|-------------------------------------------------------------------------------------|-------------------------------------|--------------|---------------------|
| 45065      |    | semi esquinero regulable 120 mm (B) | -            | -                   |
|            |                                                                                     |                                     |              |                     |
| 0901720    |    | perfil de PVC                       | -            | -                   |
|            |                                                                                     |                                     |              |                     |
| 45071      |    | guía de persiana con rotura 100 mm  | -            | -                   |
|            |                                                                                     |                                     |              |                     |
| 45072      |   | guía de persiana con rotura 120 mm  | -            | -                   |
|            |                                                                                     |                                     |              |                     |
| 45074      |  | guía de persiana con rotura 140 mm  | -            | -                   |
|            |                                                                                     |                                     |              |                     |
|            |                                                                                     |                                     |              |                     |
|            |                                                                                     |                                     |              |                     |
|            |                                                                                     |                                     |              |                     |
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|            |                                                                                     |                                     |              |                     |
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|            |                                                                                     |                                     |              |                     |
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|            |                                                                                     |                                     |              |                     |
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|            |                                                                                     |                                     |              |                     |
|            |                                                                                     |                                     |              |                     |

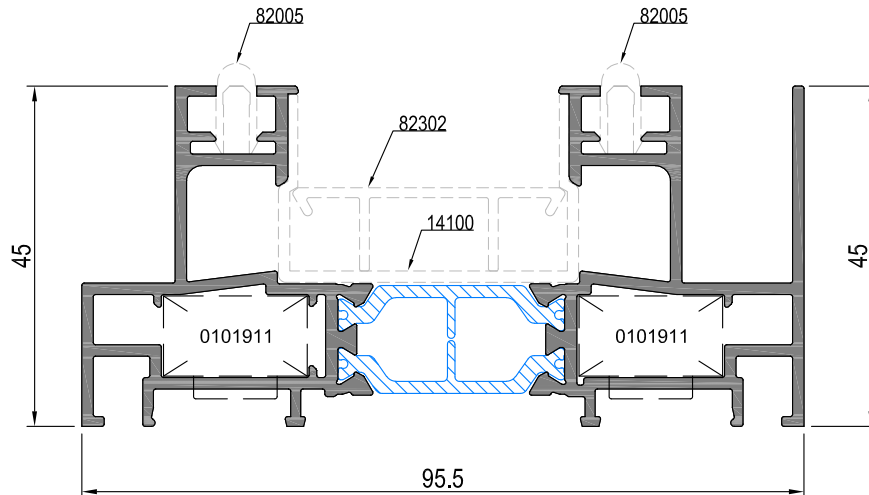
Perfiles



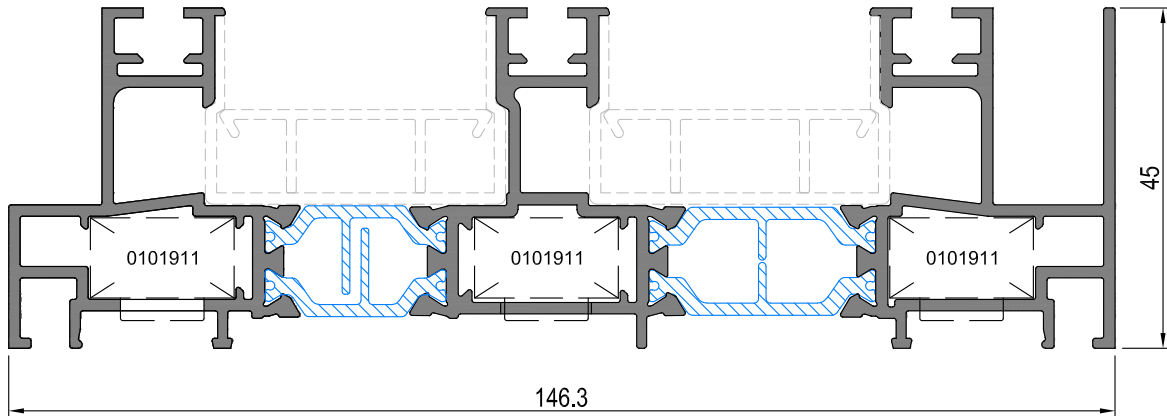
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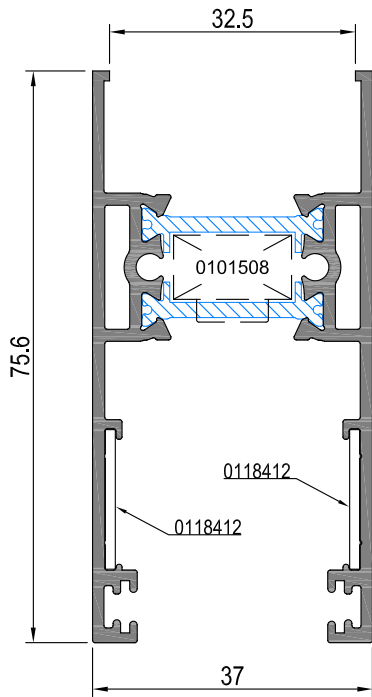
82101



82102

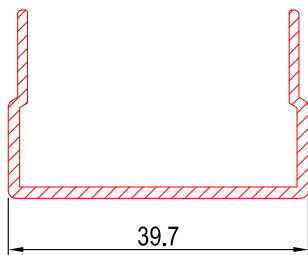


82132

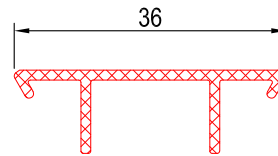


82200

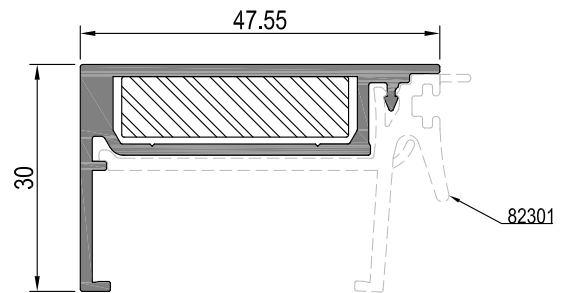
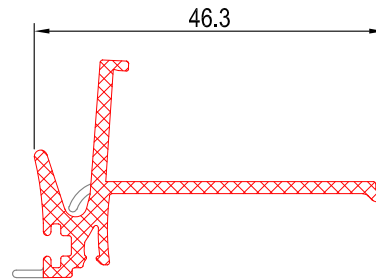
14100



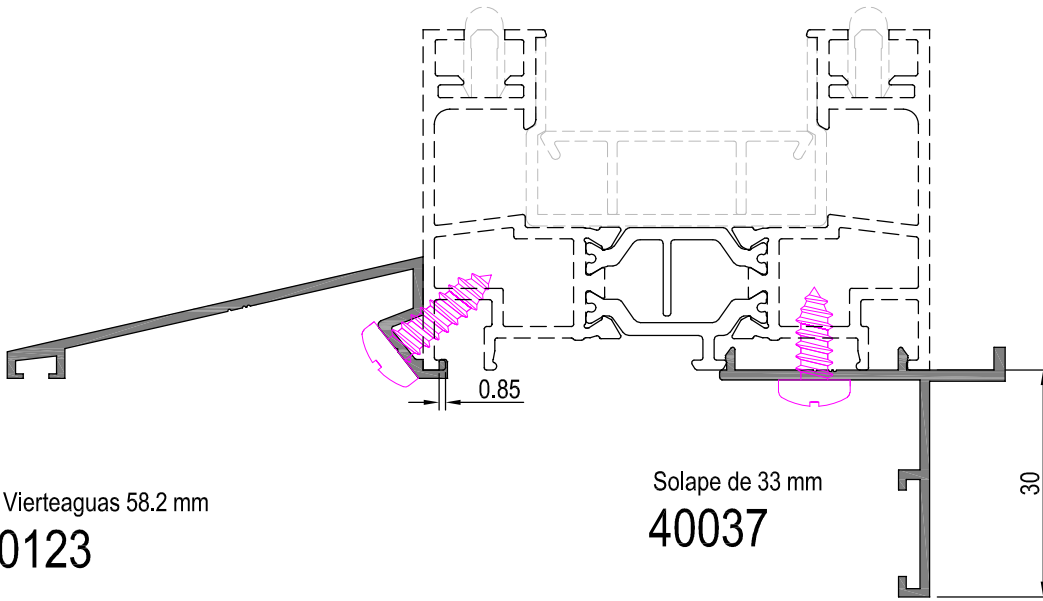
82302



82301

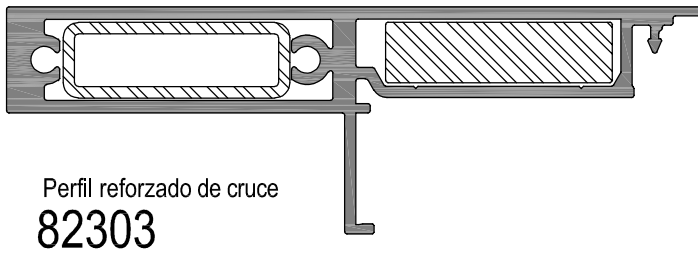


82300

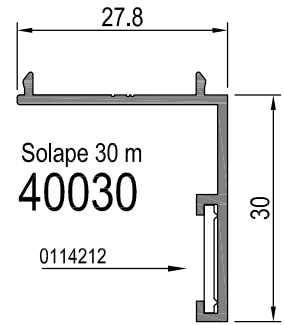


Vierteaguas 58.2 mm  
**0123**

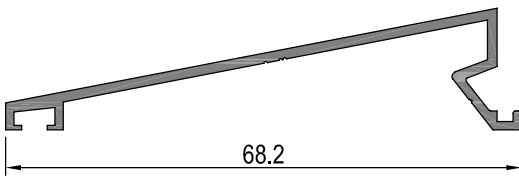
Solape de 33 mm  
**40037**



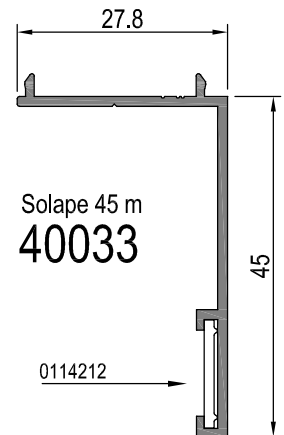
Perfil reforzado de cruce  
**82303**



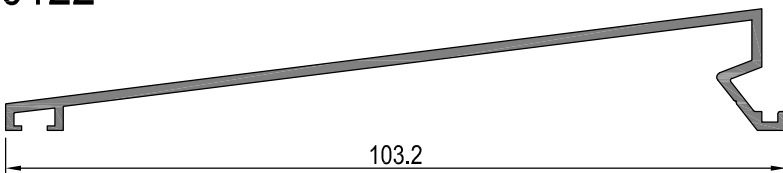
Solape 30 m  
**40030**



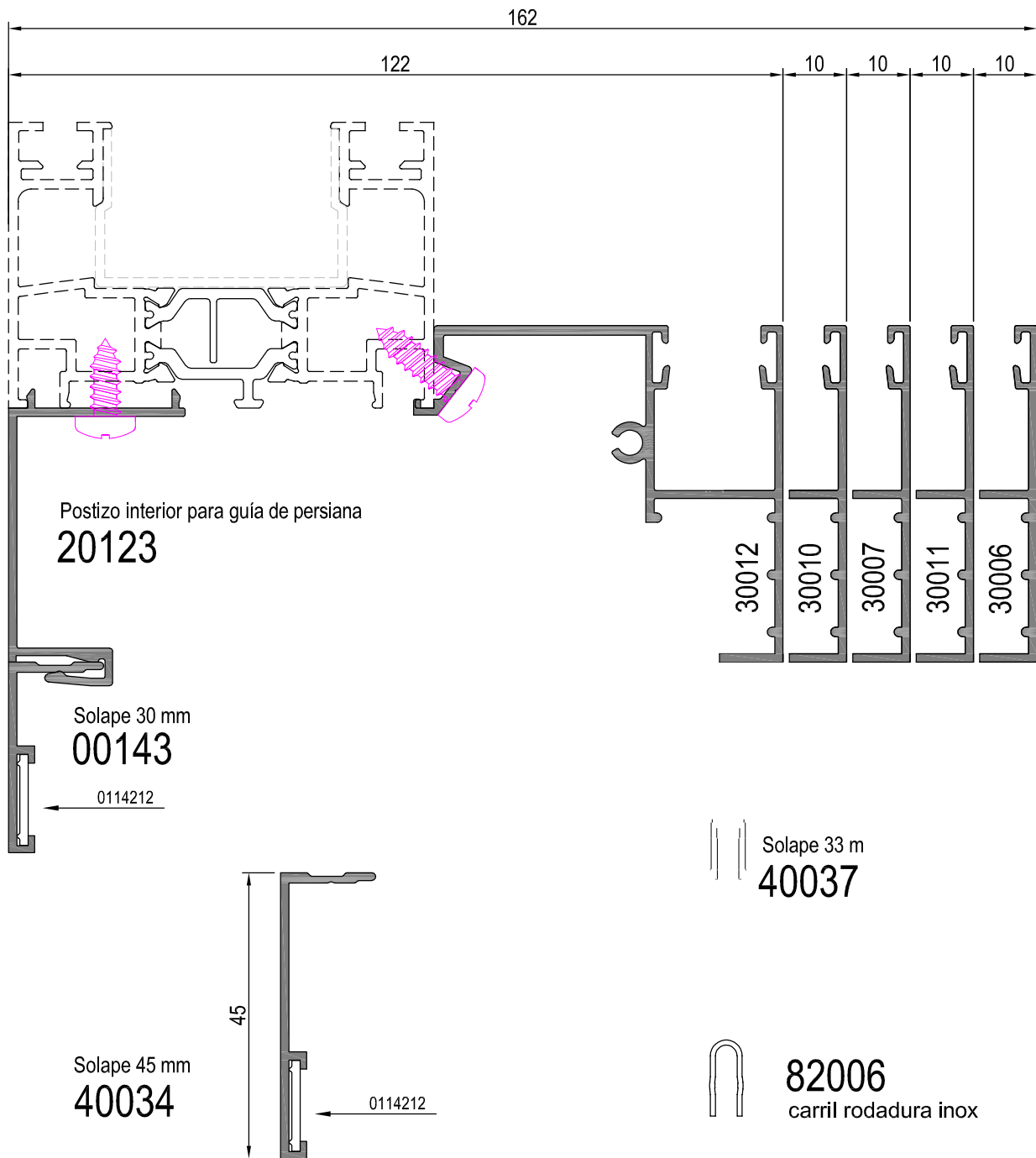
Vierteaguas 68.2 mm  
**0122**

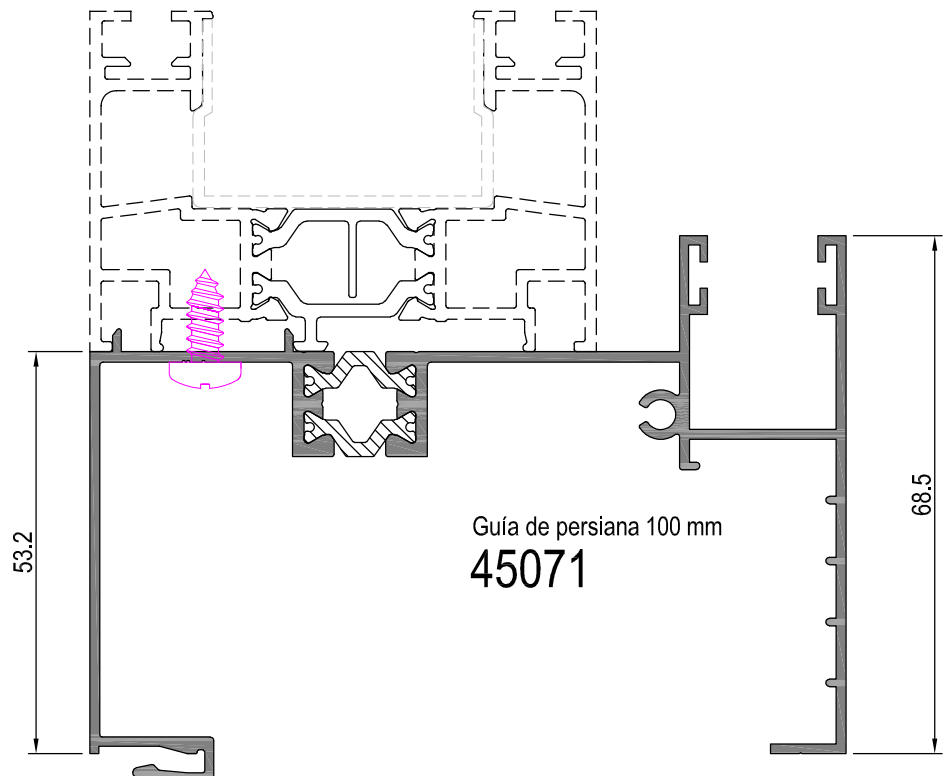
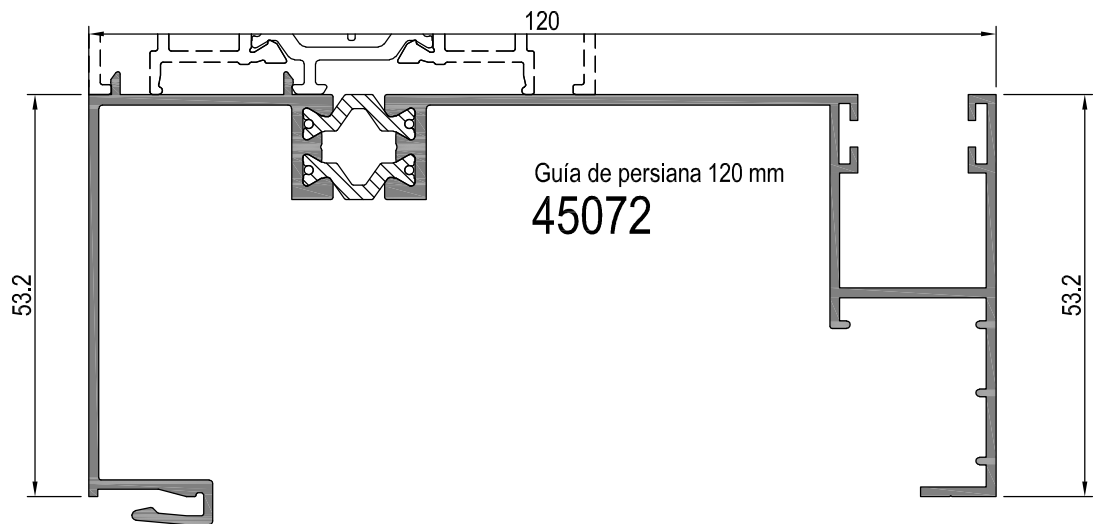
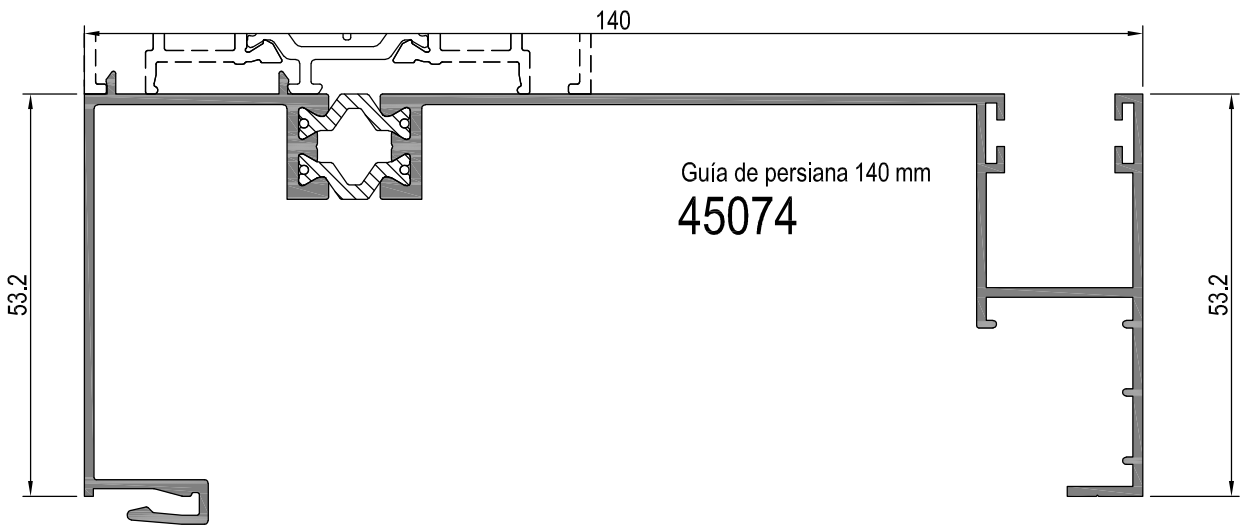


Solape 45 m  
**40033**

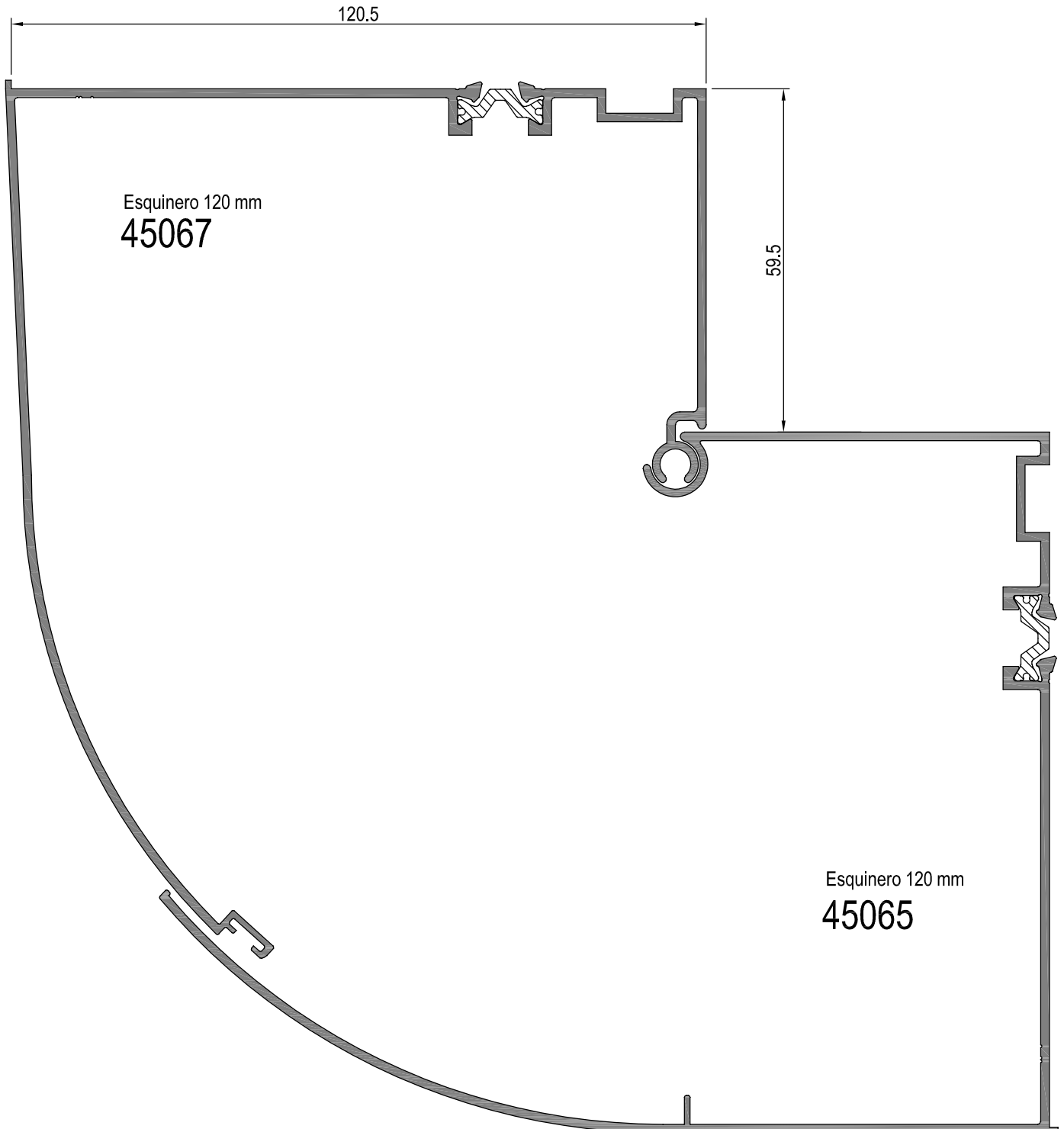


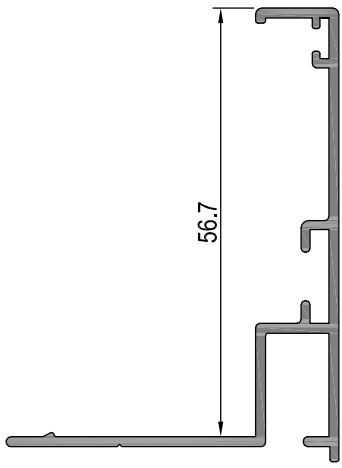
Vierteaguas 100 mm  
**40082**



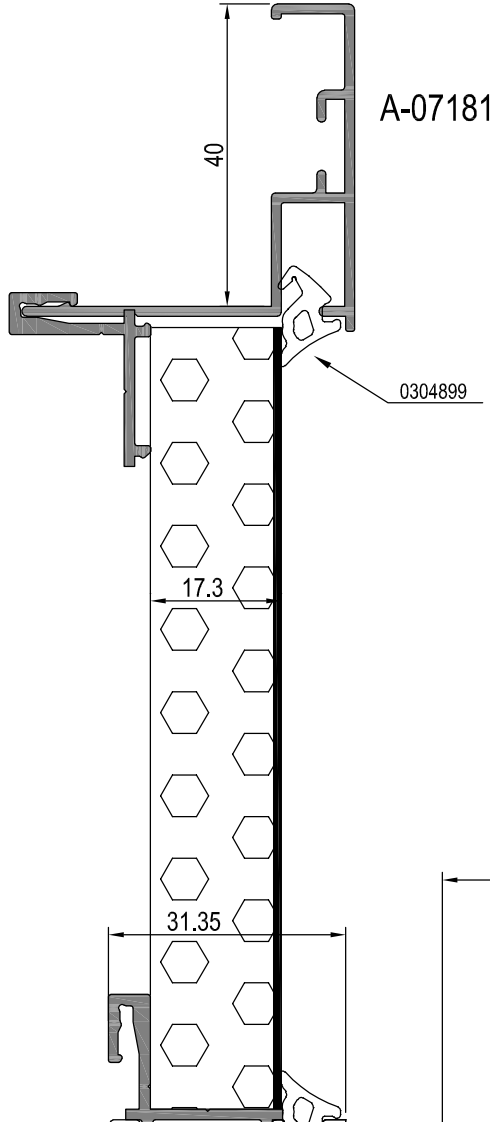




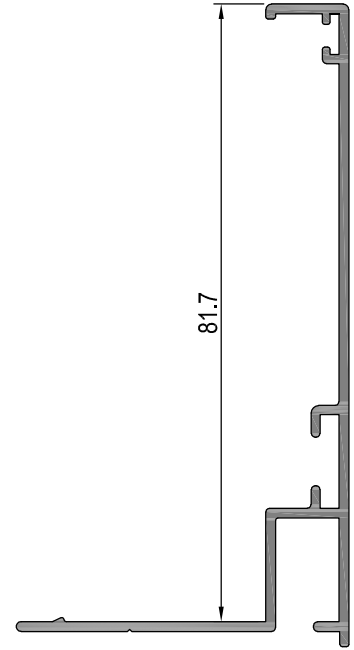




A-10481

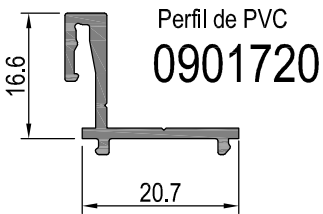


A-07181

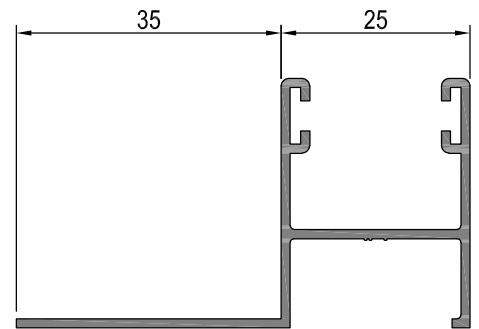


A-10482

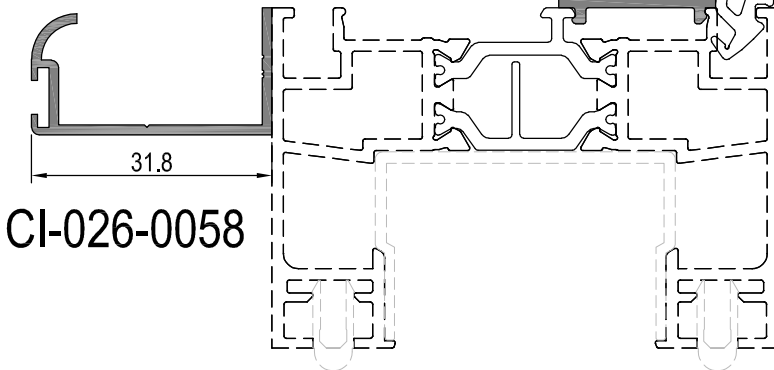
**EN DESARROLLO**



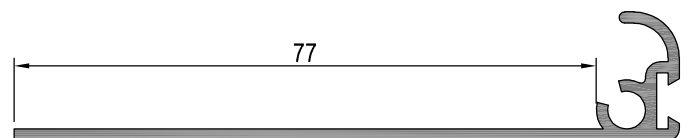
Perfil de PVC  
0901720



CI-010-20117

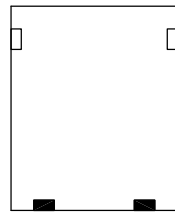


CI-026-0058

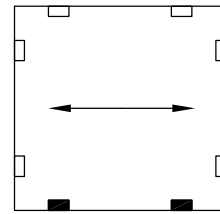


CI-164-1210

## SITUACIÓN DE LOS CALZOS DE ACRISTALAMIENTO SEGÚN APERTURA



BASTIDOR  
FIJO



BASTIDOR  
DESLIZANTE

Nota:

Los calzos deben colocarse sobre los ejes del carro de deslizamiento.

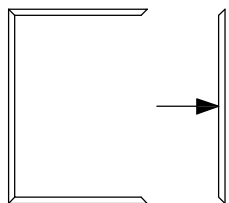
Nomenclaturas de los calzos

- Calzo de apoyo
- Calzo de colocación

Notas:

- Los calzos deben colocarse según los croquis arriba indicados.
- La distancia entre el eje del calzo y el borde del vidrio será de  $L/10$ , siendo L la longitud del lado donde se emplazan.

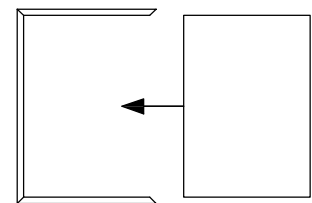
## Acristalamiento



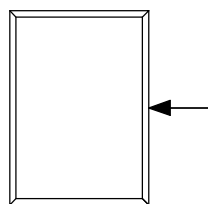
1 - Preparacion del bastidor



2 - Colocar calzos y rellenar con espuma de poliuretano



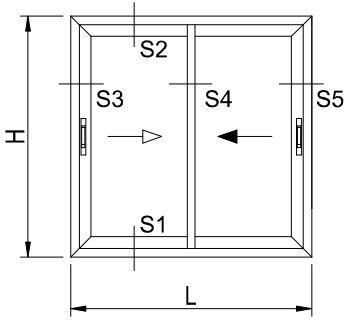
3 - Introducir Vidrio en hoja



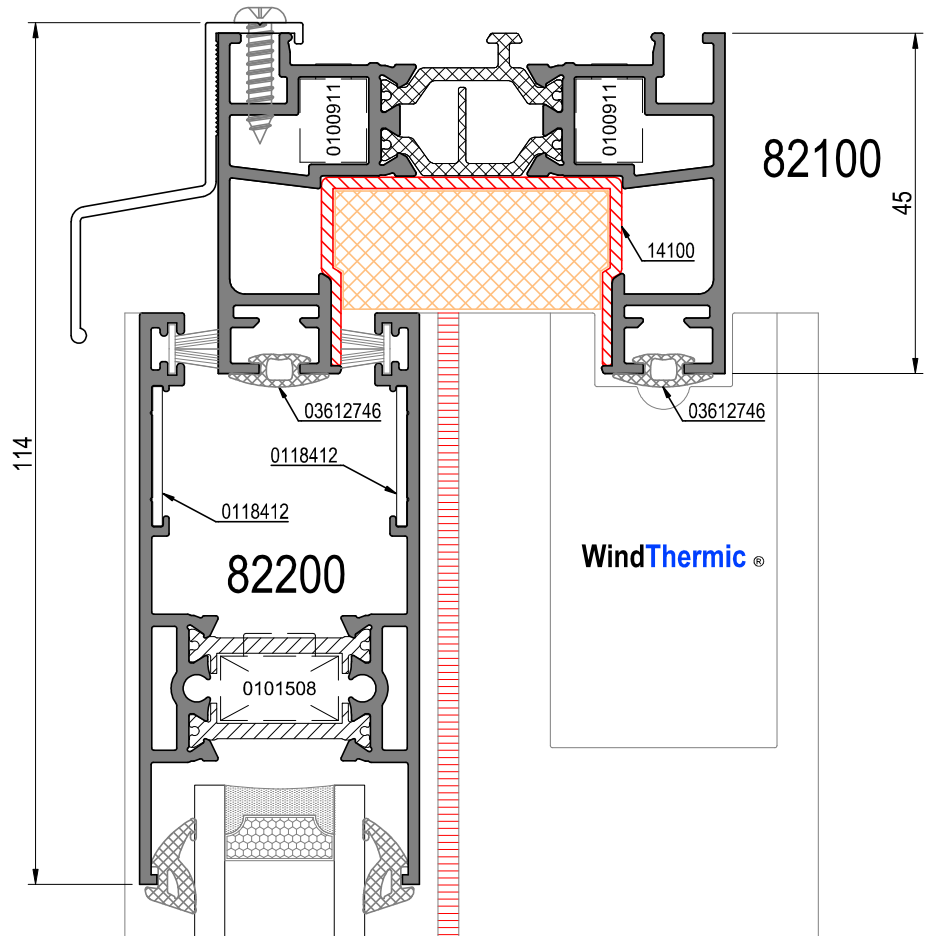
4 - Comprobar y montar hoja



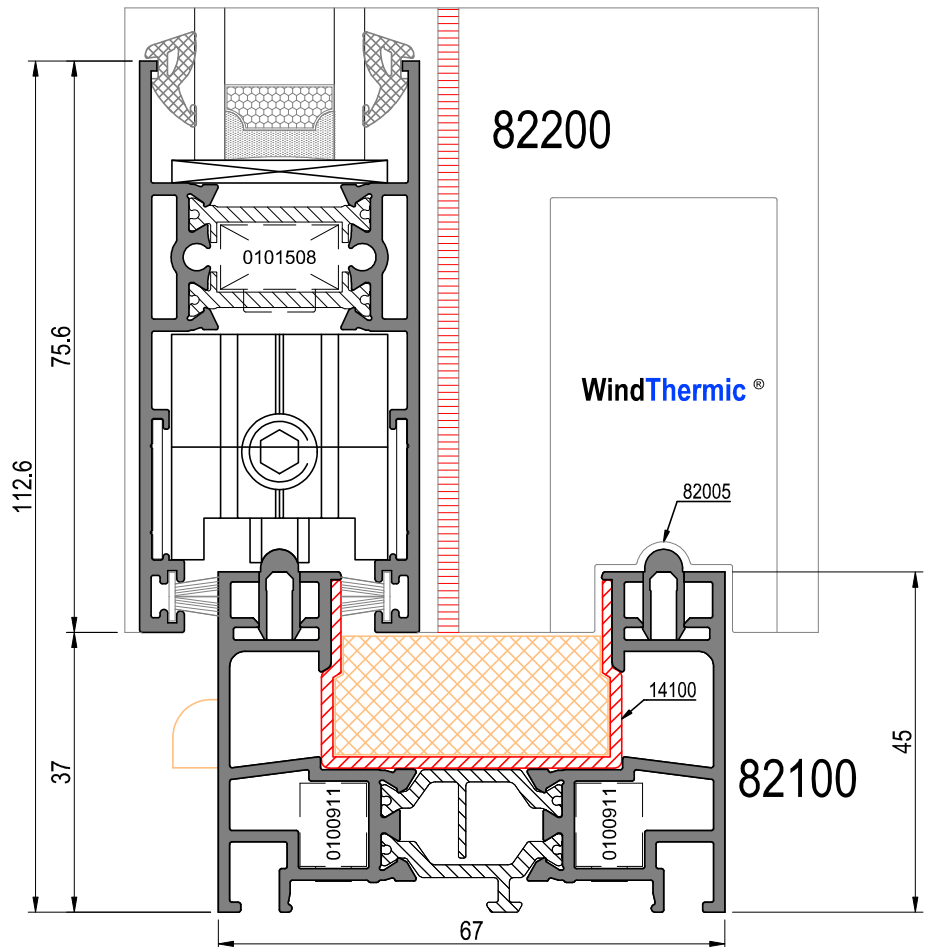
5 - Colocar juntas vidrio



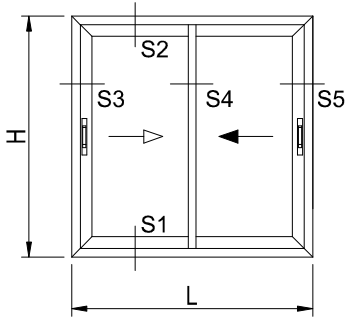
SECCIÓN 2



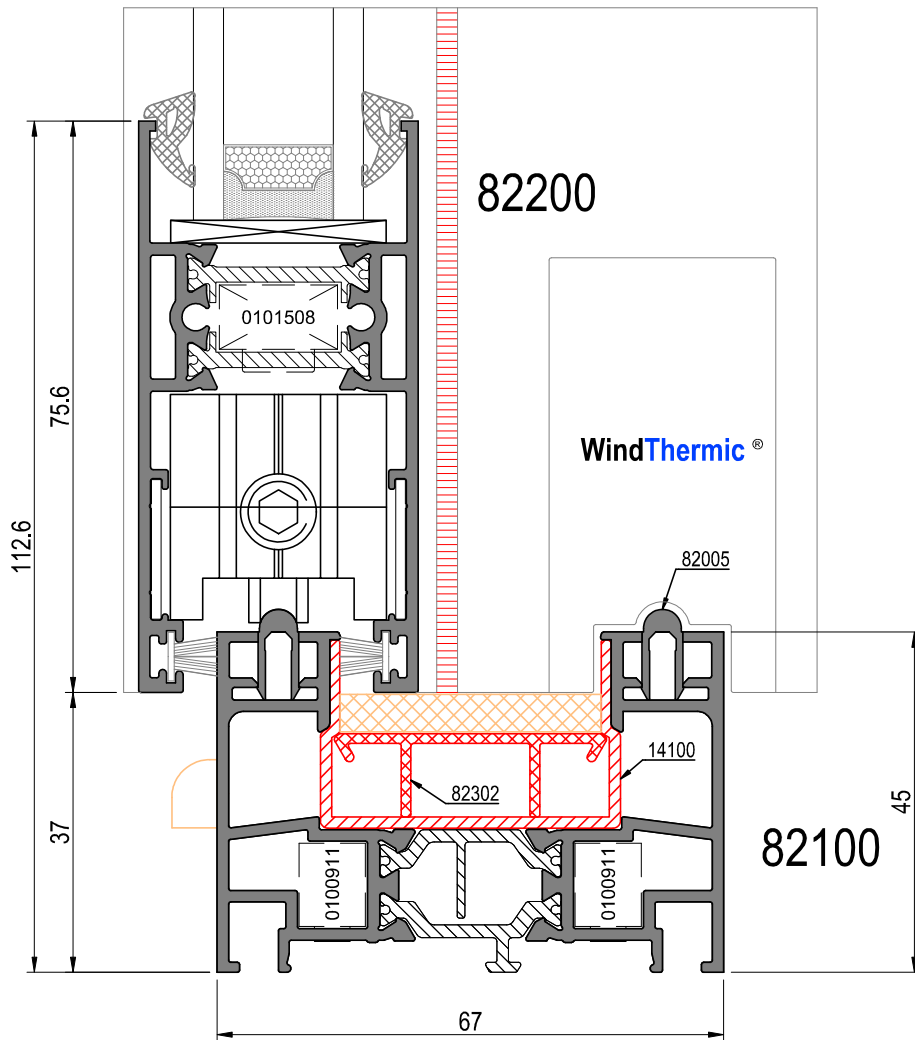
SECCIÓN 1



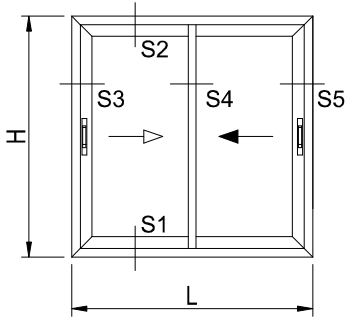
OPCIÓN CON  
CORTAVIENTOS



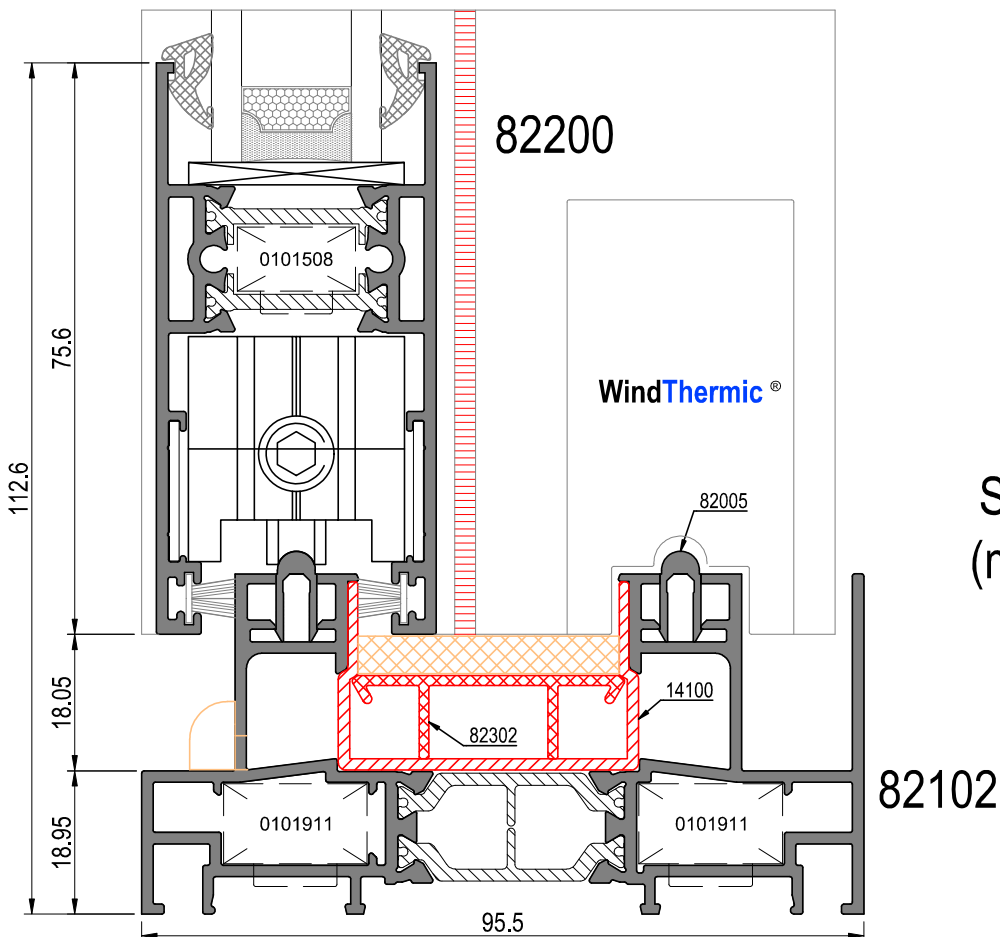
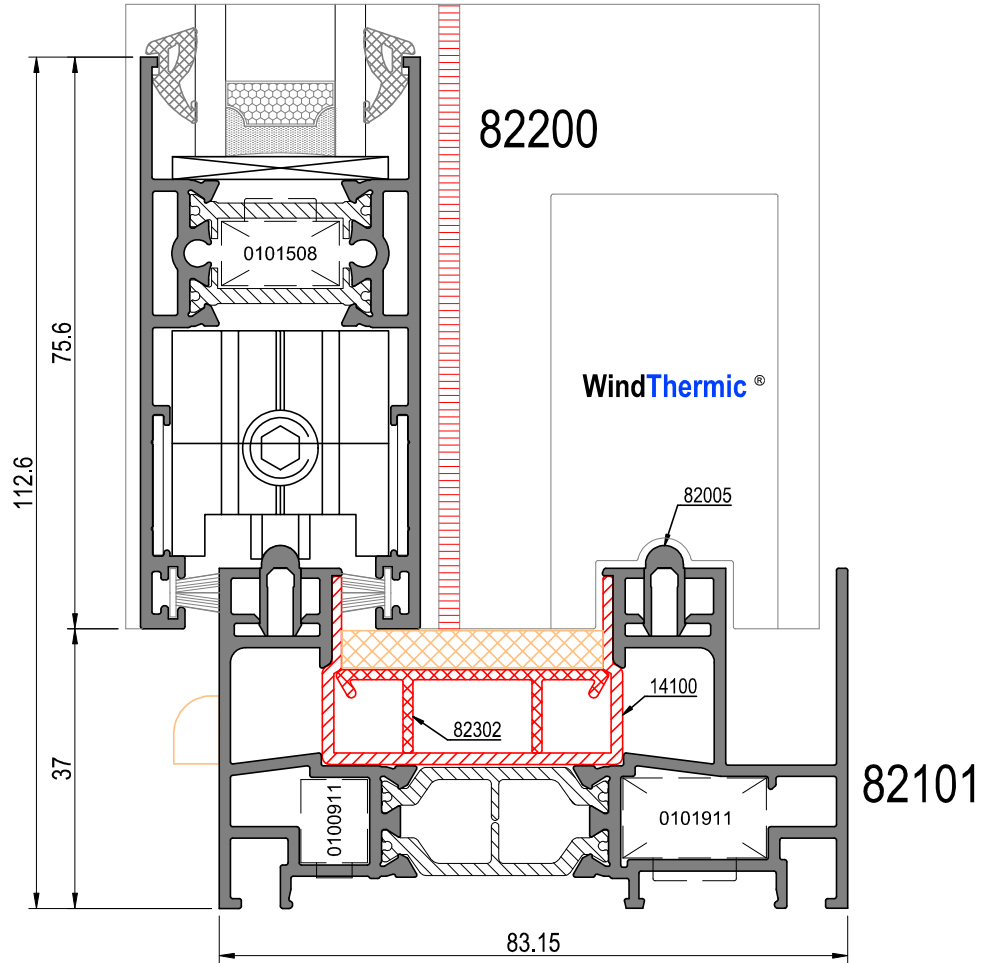
## SECCIÓN 1



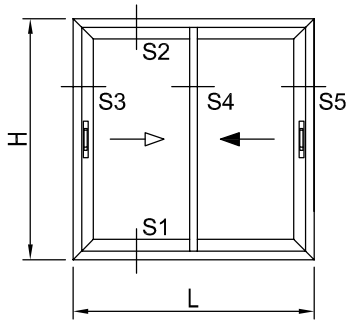
OPCIÓN CON  
SUPLEMENTO DE U



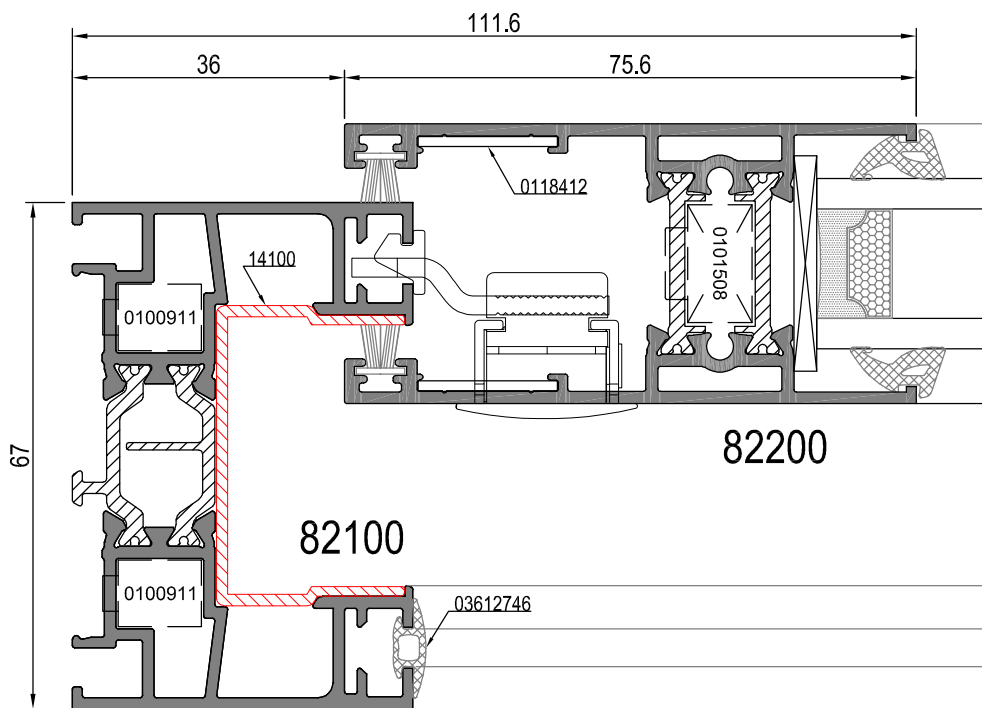
SECCIÓN 1  
(marco 83)



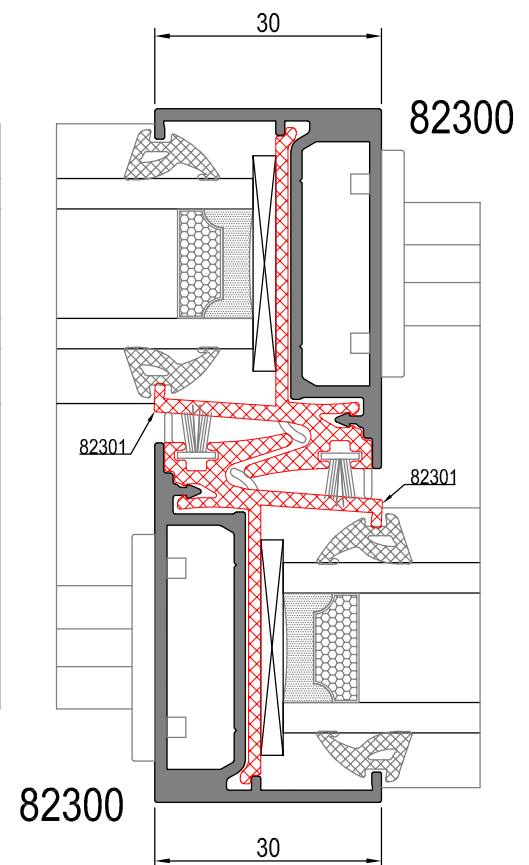
SECCIÓN 1  
(marco 95.5)

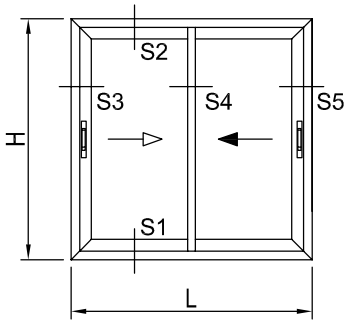


## SECCIÓN 3

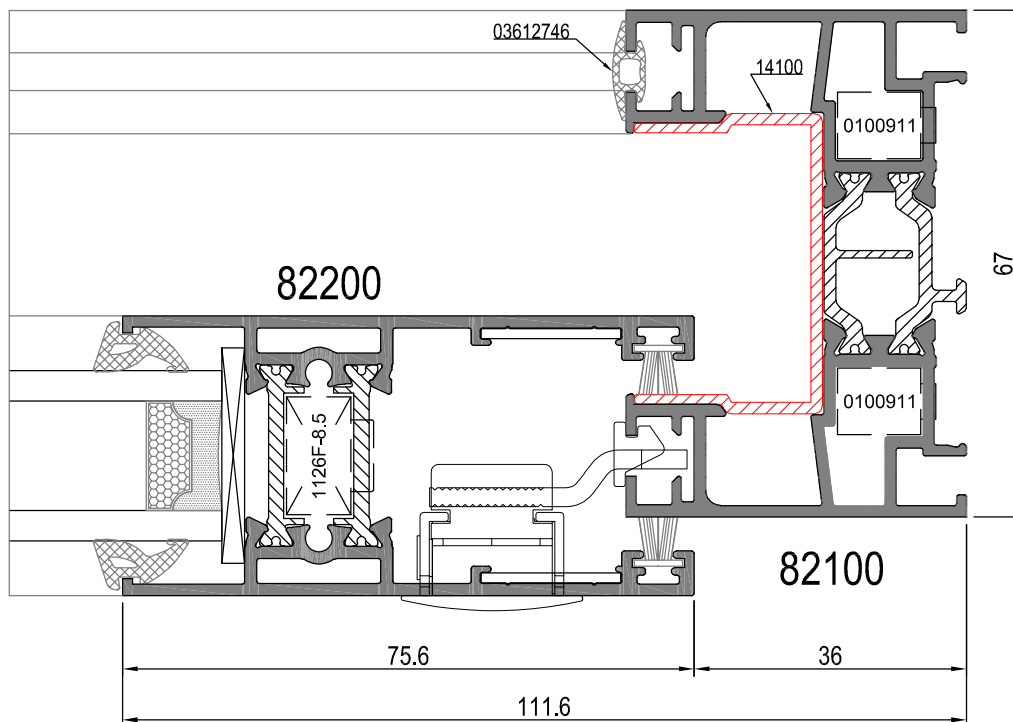


## SECCIÓN 4

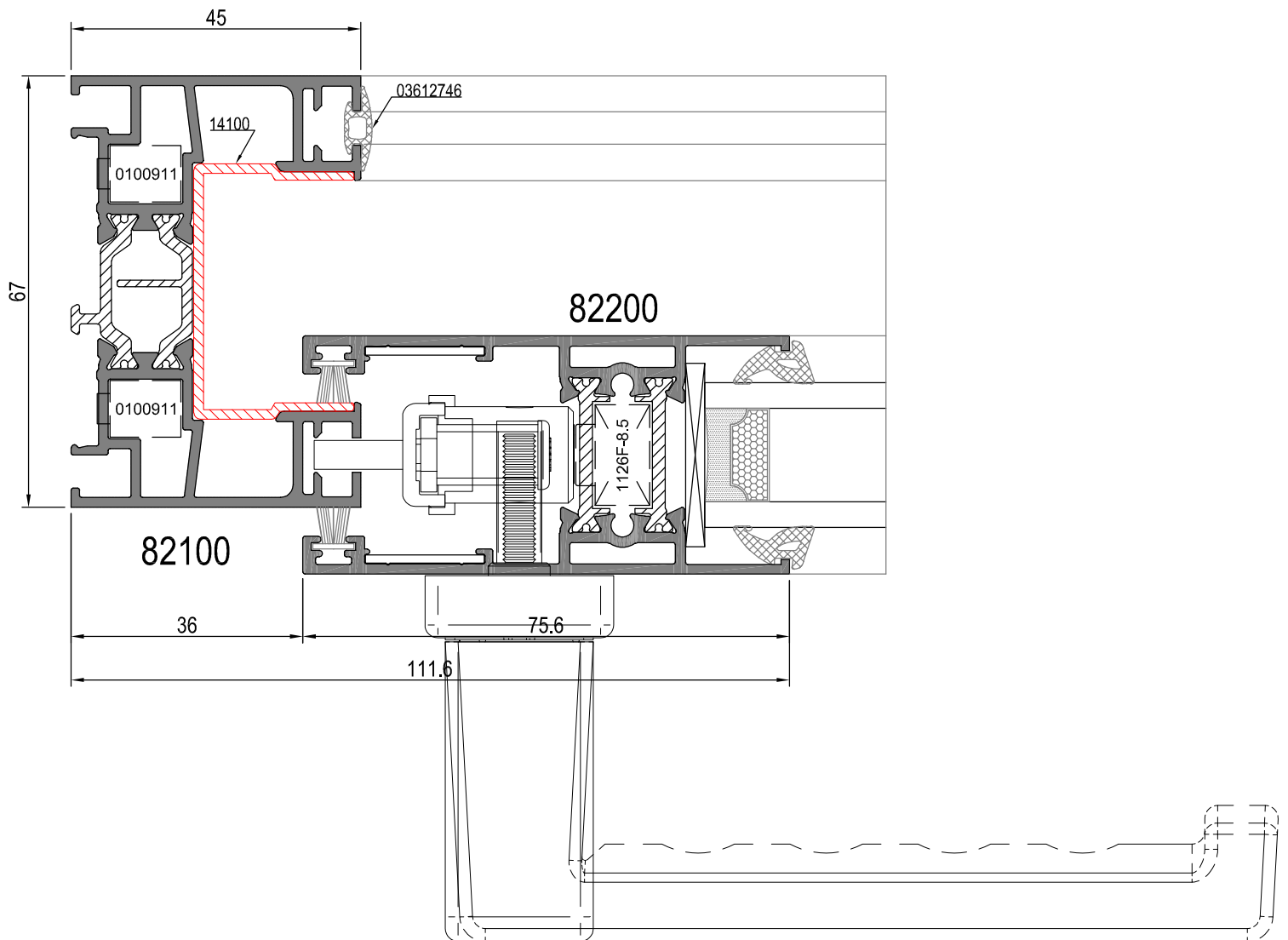
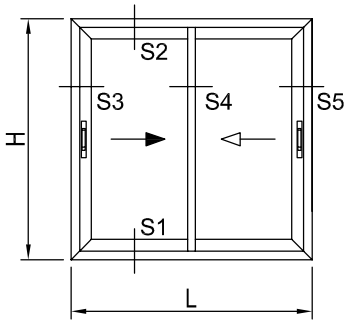




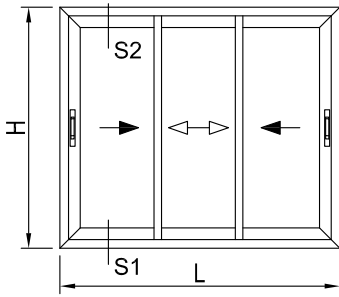
## SECCIÓN 5



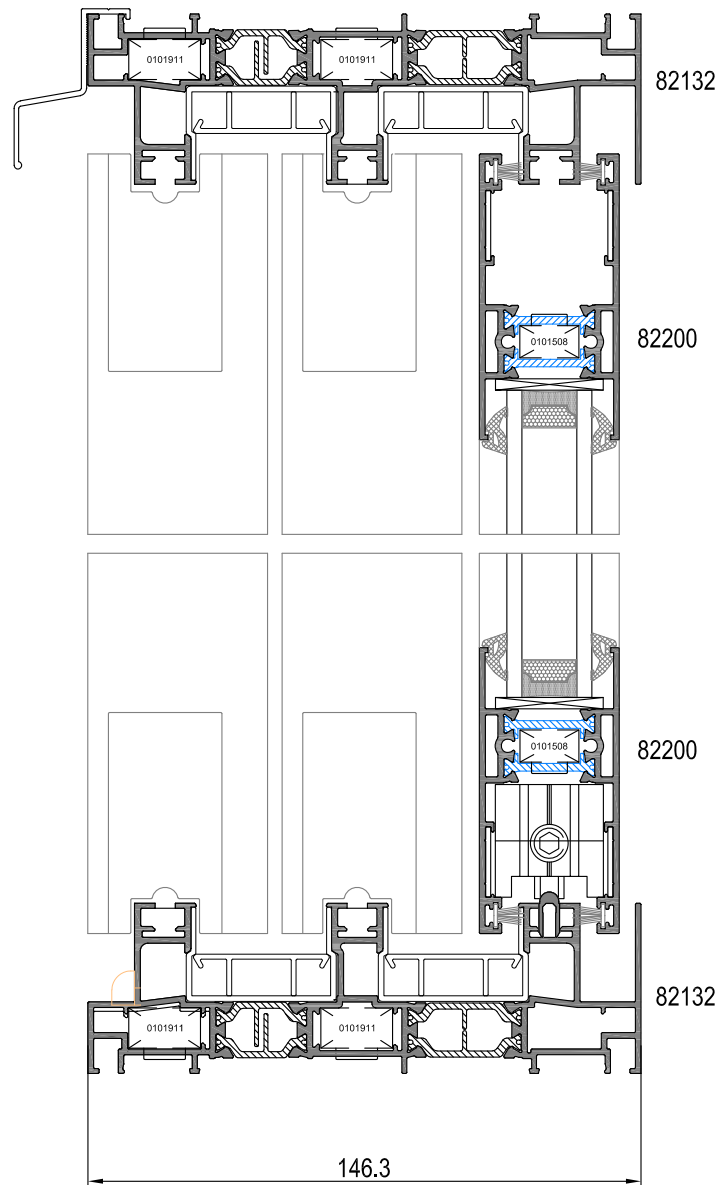




## Opción multipunto

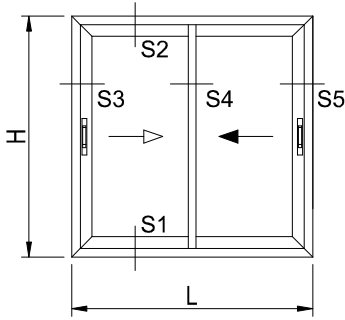


## SECCIÓN 2

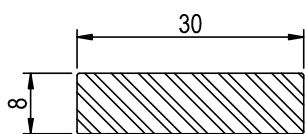
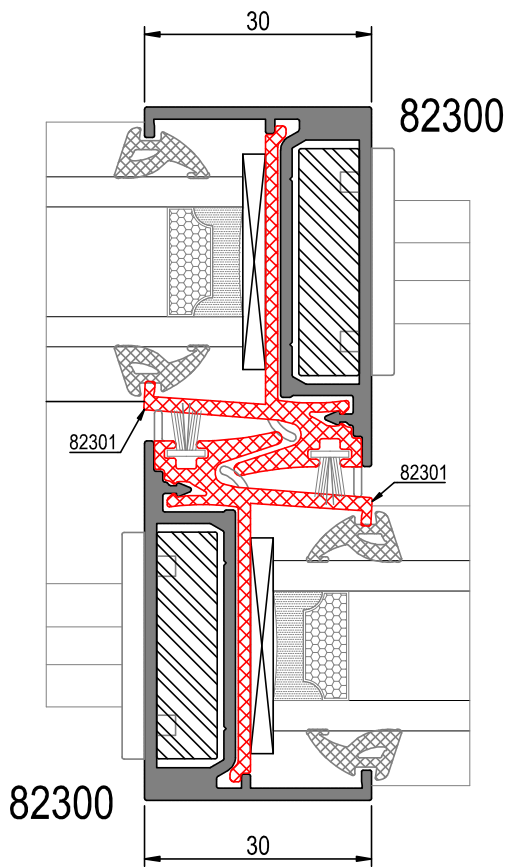


Escala 1:2

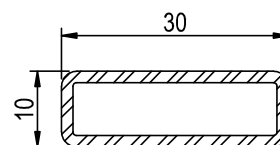
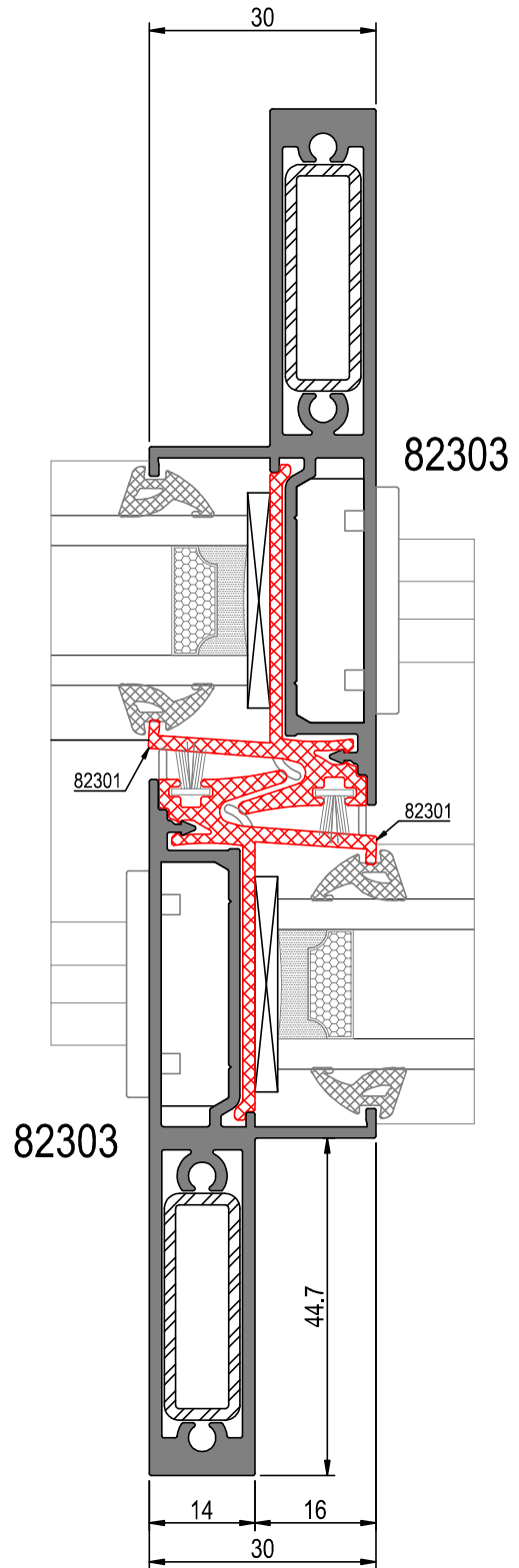
## SECCIÓN 1



## PERFILES DE CRUCE CON REFUERZO

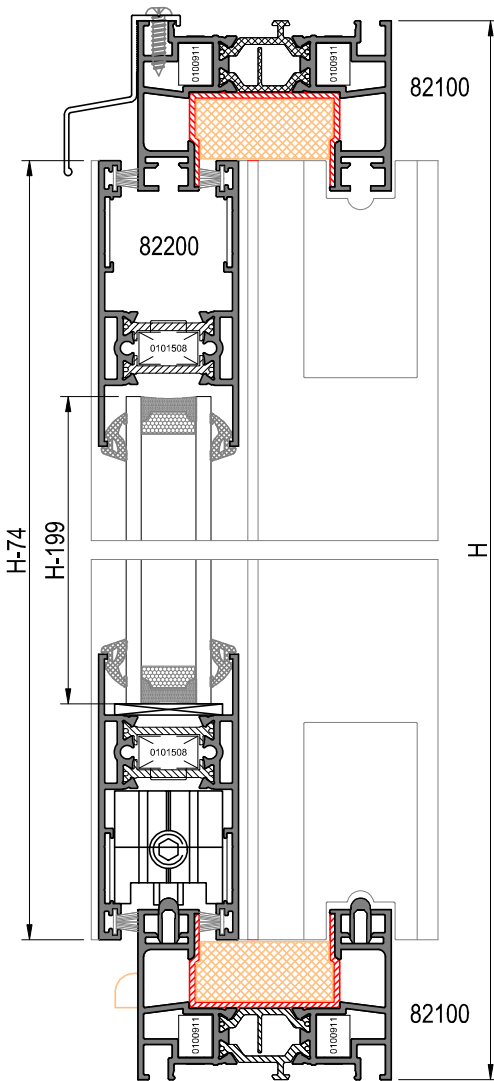


Refuerzo 30x8



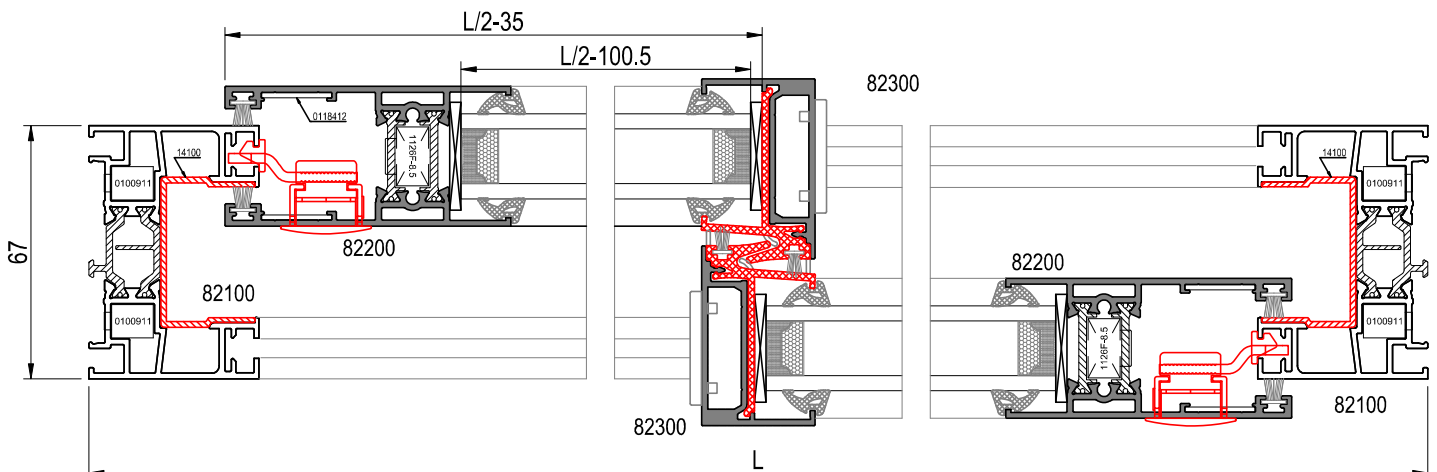
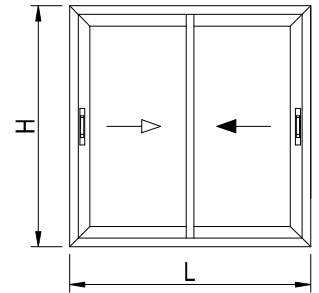
Refuerzo 30x10

### Ventana corredera 2 hojas



| Den.            | Und. | Referenc. | Descripción               | Corte | Medidas  |
|-----------------|------|-----------|---------------------------|-------|----------|
| Marco           | 2    | 82100     | Marco lateral             |       | H        |
|                 | 2    | 82100     | Marco superior / inferior |       | L        |
| Hoja            | 2    | 82200     | Hoja lateral              |       | H2 - 74  |
|                 | 4    | 82200     | Hoja superior / inferior  |       | L/2 - 35 |
|                 | 2    | 82300     | Hoja central              |       | H - 74   |
|                 | 2    | 82005     | Carril rodadura inferior  |       | L - 74   |
|                 | 4    | 14100     | U marco                   |       | 2H + 2L  |
|                 | 2    | 82301     | Suplemento cruce          |       | H - 74   |
| Acristalamiento |      |           | L/2-100 x H-199           |       |          |

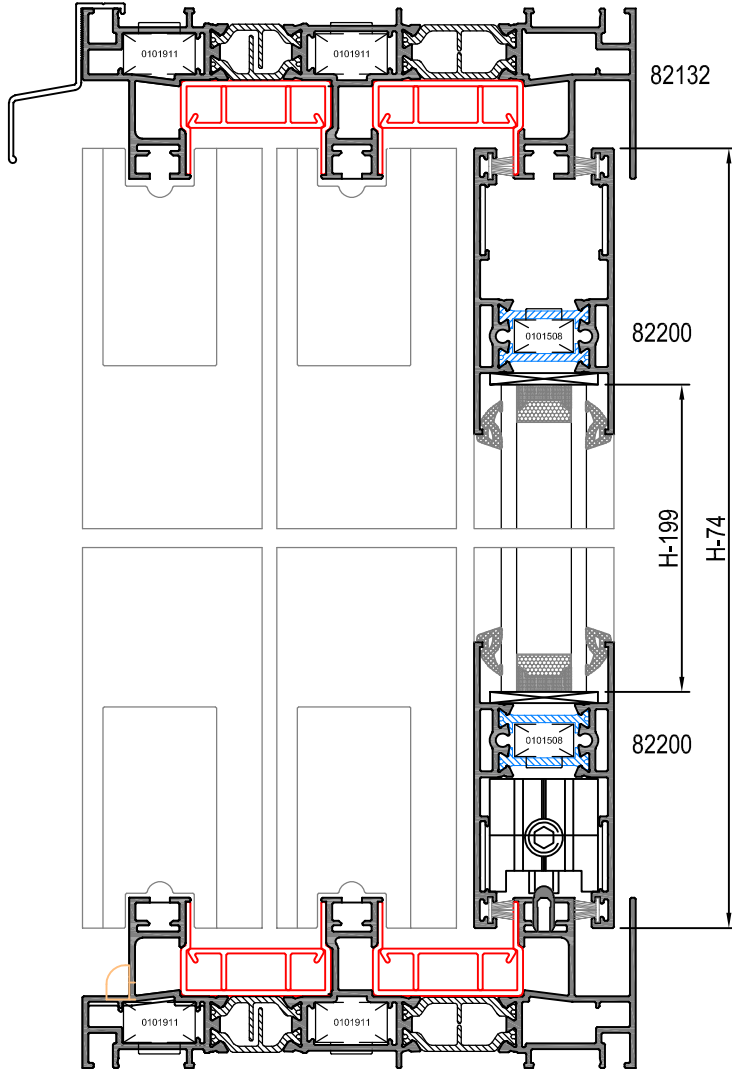
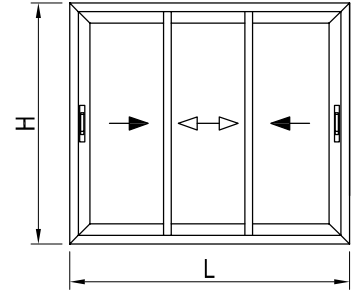
| Den.       | Unidades | Referenc. | Descripción                     |
|------------|----------|-----------|---------------------------------|
| Accesorios | 8        | 0100911   | Escuadra 9 x 11                 |
|            | 4        | 0101508   | Escuadra 19 x 8                 |
|            | 8        | 0118412   | Escuadra alineamiento 18 x 1    |
|            | 2        | 177019    | Conjunto tapas cruce 1 hoja     |
|            | 2        | 177020    | Conjunto tope lateral 1 hoja    |
|            | 1        | 177021    | Cortavientos superior/inferior  |
|            | 4        |           | Ruedas (según peso)             |
|            | 2        | 0509025   | Tapa salida de agua             |
| Juntas     | 4L + 4H  | 0106575   | Felpa TRI-FIN 6,5x7,5 negro     |
|            | 2H       | 0105070   | Felpa TRI-FIN 5x7 negro         |
|            | 2L + 4H  | 03612746  | Junta cierre canal marco        |
|            | 4L + 4H  |           | Junta acristalar (según vidrio) |
| Herraje    | 2 uds.   | 0814506   | Cierre embutido (gancho inc.)   |
|            | 2 uds.   | 0810010   | Cerradero marco                 |



Escala 1:2

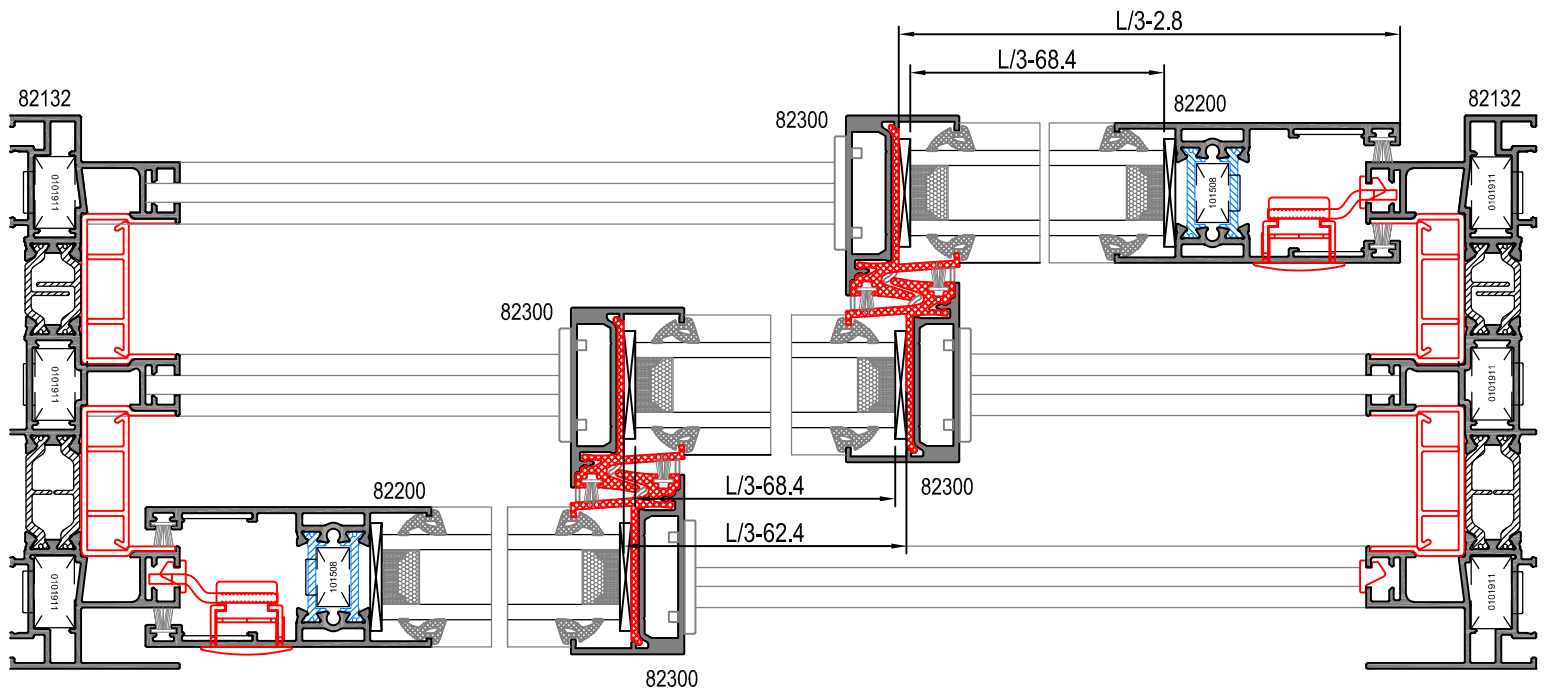
### Ventana corredera 3 hojas 3 carriles

Escala 1:2

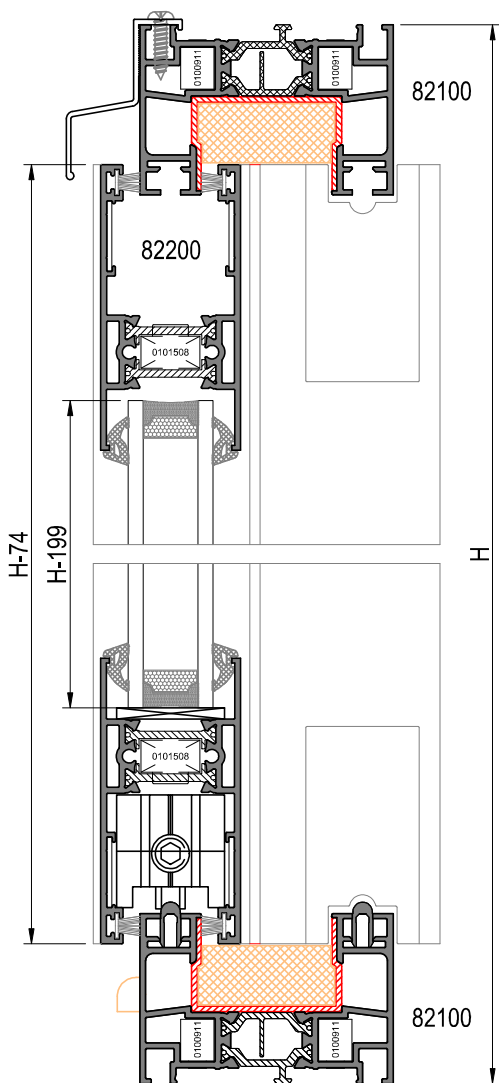


| Den.            | Und. | Referenc. | Descripción                 | Corte | Medidas        |
|-----------------|------|-----------|-----------------------------|-------|----------------|
| Marco           | 2    | 82132     | Marco lateral               |       | H              |
|                 | 2    | 82132     | Marco superior / inferior   |       | L              |
| Hoja            | 2    | 82200     | Hoja lateral                |       | H - 74         |
|                 | 4    | 82200     | Hoja sup / inf hoja lateral |       | L/3 - 2.8      |
|                 | 2    | 82200     | Hoja sup / inf hoja central |       | L/3 - 62.4     |
|                 | 4    | 82300     | Hoja central                |       | H - 74         |
|                 | 3    | 82005     | Carril rodadura inferior    |       | L - 74         |
|                 | 8    | 14100     | U marco                     |       | 2H + 2L        |
|                 | 4    | 82301     | Suplemento cruce            |       | H - 74         |
|                 | 8    | 82302     | Perfil PVC para marco       |       | 2H + 2L        |
| Acristalamiento |      |           |                             |       | L/3-68 x H-199 |

| Den.       | Undidades | Referenc. | Descripción                     |
|------------|-----------|-----------|---------------------------------|
| Accesorios | 12        | 0101911   | Escuadra 19.5 x 11              |
|            | 4         | 0101508   | Escuadra 15 x 8                 |
|            | 8         | 0118412   | Escuadra alineamiento 18 x 1    |
|            | 4         | 177019    | Conjunto tapas cruce 1 hoja     |
|            | 2         | 177020    | Conjunto tope lateral 1 hoja    |
|            | 2         | 177021    | Cortavientos superior/inferior  |
|            | 6         |           | Ruedas (según peso)             |
|            | 2         | 0509025   | Tapa salida de agua             |
| Juntas     | 4L + 4H   | 0106575   | Felpa TRI-FIN 6,5x7,5 negro     |
|            | 4H        | 0105070   | Felpa TRI-FIN 5x7 negro         |
|            | 2L + 4H   | 03612746  | Junta cierre canal marco        |
|            | 4L + 4H   |           | Junta acristalar (según vidrio) |
| Herraje    | 2 uds.    | 0814506   | Cierre embutido (gancho inc.)   |
|            | 2 uds.    | 0810010   | Cerradero marco                 |

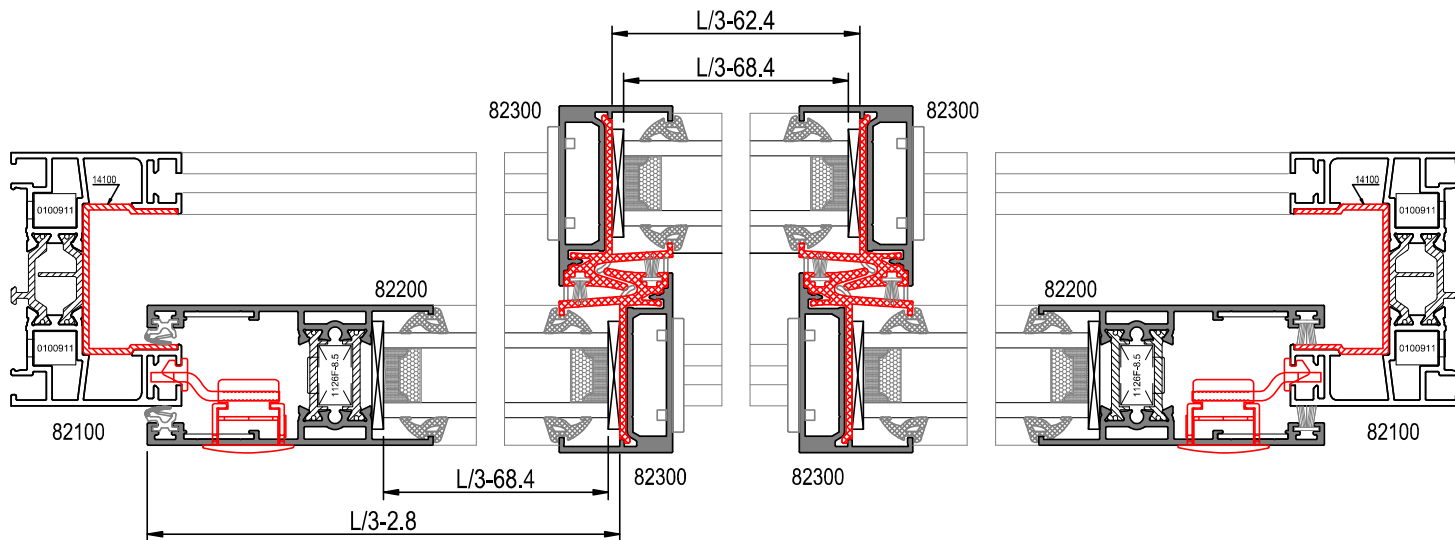
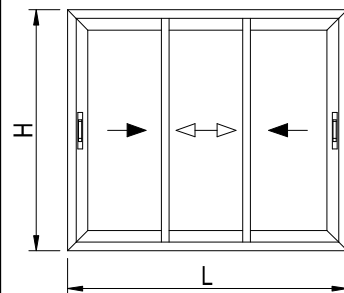


### Ventana corredera 3 hojas 2 carriles



| Den.            | Und. | Referenc. | Descripción                 | Corte | Medidas    |
|-----------------|------|-----------|-----------------------------|-------|------------|
| Marco           | 2    | 82100     | Marco lateral               |       | H          |
|                 | 2    | 82100     | Marco superior / inferior   |       | L          |
| Hoja            | 2    | 82200     | Hoja lateral                |       | H2 - 74    |
|                 | 4    | 82200     | Hoja sup / inf hoja lateral |       | L/3 - 2.8  |
|                 | 2    | 82200     | Hoja sup / inf hoja central |       | L/3 - 62.4 |
|                 | 4    | 82300     | Hoja central                |       | H - 74     |
|                 | 2    | 82005     | Carril rodadura inferior    |       | L - 74     |
|                 | 4    | 14100     | U marco                     |       | 2H + 2L    |
|                 | 4    | 82301     | Suplemento cruce            |       | H - 74     |
| Acristalamiento |      |           | L/3-68 x H-199              |       |            |

| Den.       | Unidades | Referenc. | Descripción                     |
|------------|----------|-----------|---------------------------------|
| Accesorios | 8        | 0100911   | Escuadra 9 x 11                 |
|            | 4        | 0101508   | Escuadra 19 x 8                 |
|            | 8        | 0118412   | Escuadra alineamiento 18 x 1    |
|            | 4        | 177019    | Conjunto tapas cruce 1 hoja     |
|            | 2        | 177020    | Conjunto tope lateral 1 hoja    |
|            | 2        | 177021    | Cortavientos superior/inferior  |
|            | 6        |           | Ruedas (según peso)             |
|            | 2        | 0509025   | Tapa salida de agua             |
| Juntas     | 4L + 4H  | 0106575   | Felpa TRI-FIN 6,5x7,5 negro     |
|            | 4H       | 0105070   | Felpa TRI-FIN 5x7 negro         |
|            | 2L + 4H  | 03612746  | Junta cierre canal marco        |
|            | 4L + 4H  |           | Junta acristalar (según vidrio) |
| Herraje    | 2 uds.   | 0814506   | Cierre embutido (gancho inc.)   |
|            | 2 uds.   | 0810010   | Cerradero marco                 |



Escala 1:2



*info@windthermic.com*