



ALUMÍNIOS IBÉRICA, S.A.



P.A.L.A. - MIGUEL & REIS, LDA.



ALUMÍNIOS DE VISEU, LDA.



ANGULAR - Alumínios, Lda.

Catálogo PUERTA MILLENNIUM PLUS



aluminiosiberica.pai.pt



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Transmitancia

U_H desde 0,9 (W/m²K)

Consultar tipología, dimensión y vidrio.

CTE - Apto para zonas climáticas*: α A B C D E

*En función de la transmitancia del vidrio.

Aislamiento acústico

Máximo acristalamiento: 54 mm

Máximo aislamiento acústico $R_w = 38$ dB

Secciones

Espesor perfilaría

Marco 70 mm

Puerta 2,0 mm

Hoja 70 mm

Logitud varilla poliamida: 24 mm

Categorías alcanzadas en banco de ensayos

Permeabilidad al aire (UNE-EN 12207:2000): Clase 4

Estanqueidad al agua (UNE-EN 12208:2000): Clase 6A

Resistencia al viento (UNE-EN 12210:2000): Clase C4

Ensayo de referencia 1,20 x 2,30 m. 1 hoja.

Resistencia al impacto de cuerpo blando

Ensayo realizado según norma UNE-EN 13049:2003

Clase 5 (máx)

Ensayo de referencia puerta 1,80 x 2,20 m. 2 hojas.

Vidrio laminar 3+3.

Resistencia a aperturas y cierres repetidos

Ensayo realizado según norma UNE-EN 1191:2000

500.000 ciclos

Ensayo de referencia puerta 0,935 x 2,10 m. 1 hoja.

Acabados

Posibilidad bicolor

Lacado colores (RAL, moteados y rugosos).

Lacado imitación madera.

Lacado antibacteriano.

Anodizado.

Posibilidades de apertura

Apertura interior: practicable de 1 y 2 hojas.

Apertura exterior: practicable de 1 y 2 hojas.

Dimensiones máximas

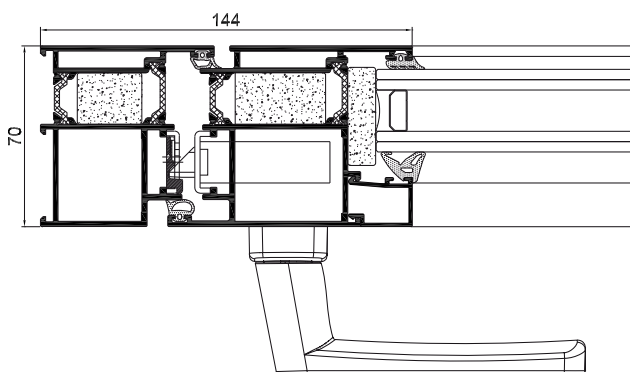
Ancho (L) = 1.500 mm.

Alto (H) = 2.600 mm.

Puerta 1 hoja, practicable.

Consultar peso y dimensiones máximas para el resto de tipologías.

Peso máximo/hoja 240 Kg.



PUERTA MILLENNIUM PLUS

| | | |
|--|---------------------------------------|--------------------------------------|
| | COR-7630 | |
| | Descripción | Marco de puerta |
| | Peso (g/m) | 1990,1 |
| | Superficie (dm²/m) | 69,15 |
| | I_x (cm⁴) | 20,93 |
| | I_y (cm⁴) | 40,84 |
| | Escuadra principal | 307630 |
| | Troquel | 307898 307899 317698 317699 |
| | Escuadra secundaria | 307635 |

| | | |
|--|---------------------------------------|--------------------------------------|
| | COR-7635 | |
| | Descripción | Marco para fijos |
| | Peso (g/m) | 1443,7 |
| | Superficie (dm²/m) | 45,76 |
| | I_x (cm⁴) | 5,45 |
| | I_y (cm⁴) | 30,01 |
| | Escuadra principal | 920380 |
| | Troquel | 307898 307899 317698 317699 |
| | Escuadra alineamiento | 287310 |



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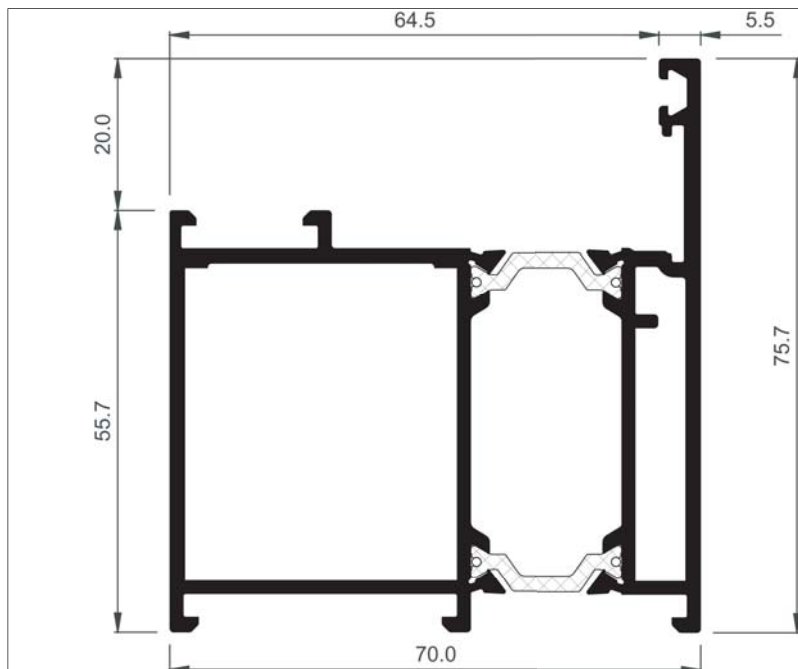


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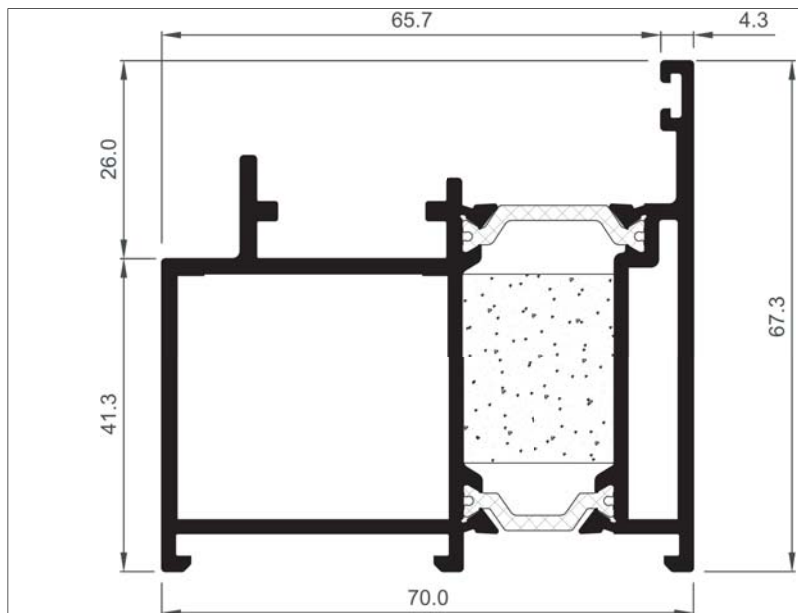


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PUERTA MILLENNIUM PLUS



| COR-7637 | |
|---------------------------------|--------------------------------------|
| Descripción | Marco para fijos alto |
| Peso (g/m) | 2098,1 |
| Superficie (dm ² /m) | 73,66 |
| Ix (cm ⁴) | 28,97 |
| Iy (cm ⁴) | 45,63 |
| Escuadra principal | 307620 |
| Troquel | 307898 307899 317698 317699 |
| Escuadra secundaria | 307635 |
| Escuadra alineamiento | 287310 |



| COR-7680 | |
|---------------------------------|--------------------------------------|
| Descripción | Marco G.A. |
| Peso (g/m) | 1990,1 |
| Superficie (dm ² /m) | 69,15 |
| Ix (cm ⁴) | 20,93 |
| Iy (cm ⁴) | 40,84 |
| Escuadra principal | 307630 |
| Troquel | 307898 307899 317698 317699 |
| Escuadra secundaria | 307635 |



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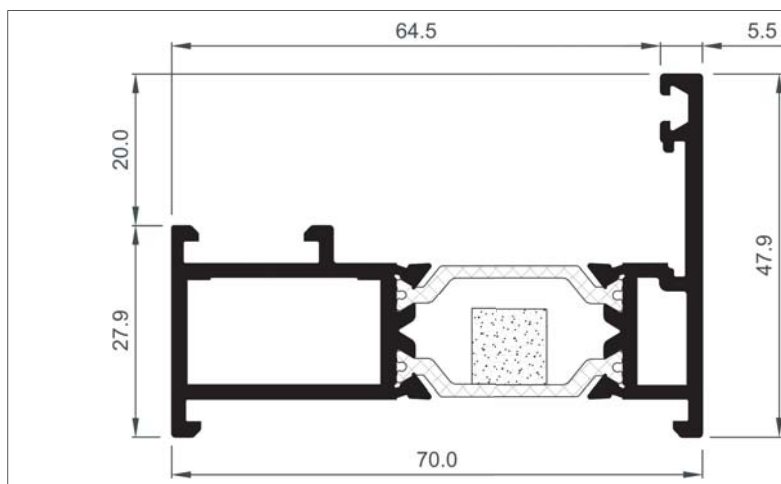


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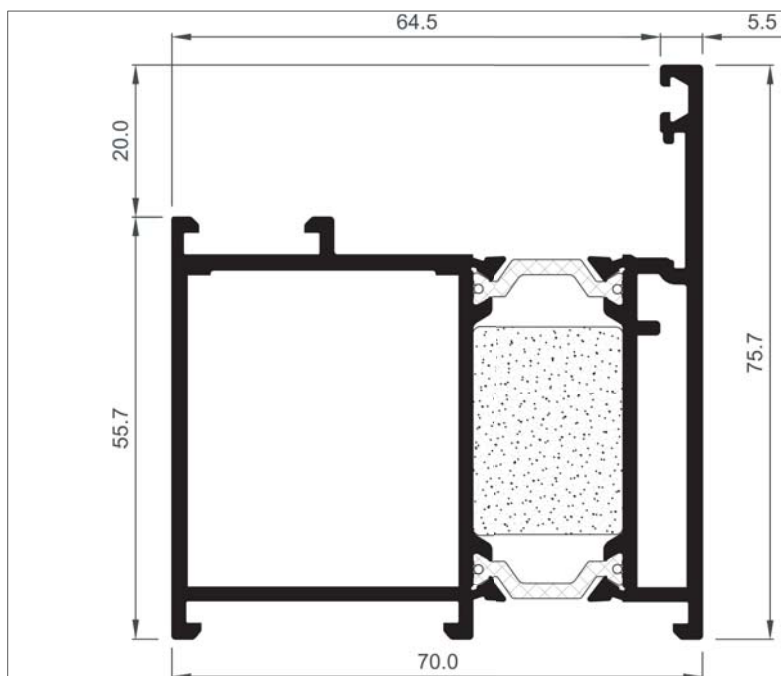


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PUERTA MILLENNIUM PLUS



| COR-7681 | |
|---------------------------------|--------------------------------------|
| Descripción | Marco para fijos G.A. |
| Peso (g/m) | 1443,7 |
| Superficie (dm ² /m) | 45,76 |
| Ix (cm ⁴) | 5,45 |
| Iy (cm ⁴) | 30,01 |
| Escuadra principal | 920380 |
| Troquel | 307898 307899 317698 317699 |
| Escuadra alineamiento | 287310 |



| COR-7687 | |
|---------------------------------|--------------------------------------|
| Descripción | Marco para fijos alto G.A. |
| Peso (g/m) | 2098,1 |
| Superficie (dm ² /m) | 73,66 |
| Ix (cm ⁴) | 28,97 |
| Iy (cm ⁴) | 45,63 |
| Escuadra principal | 307620 |
| Troquel | 307898 307899 317698 317699 |
| Escuadra secundaria | 307635 |
| Escuadra alineamiento | 287310 |



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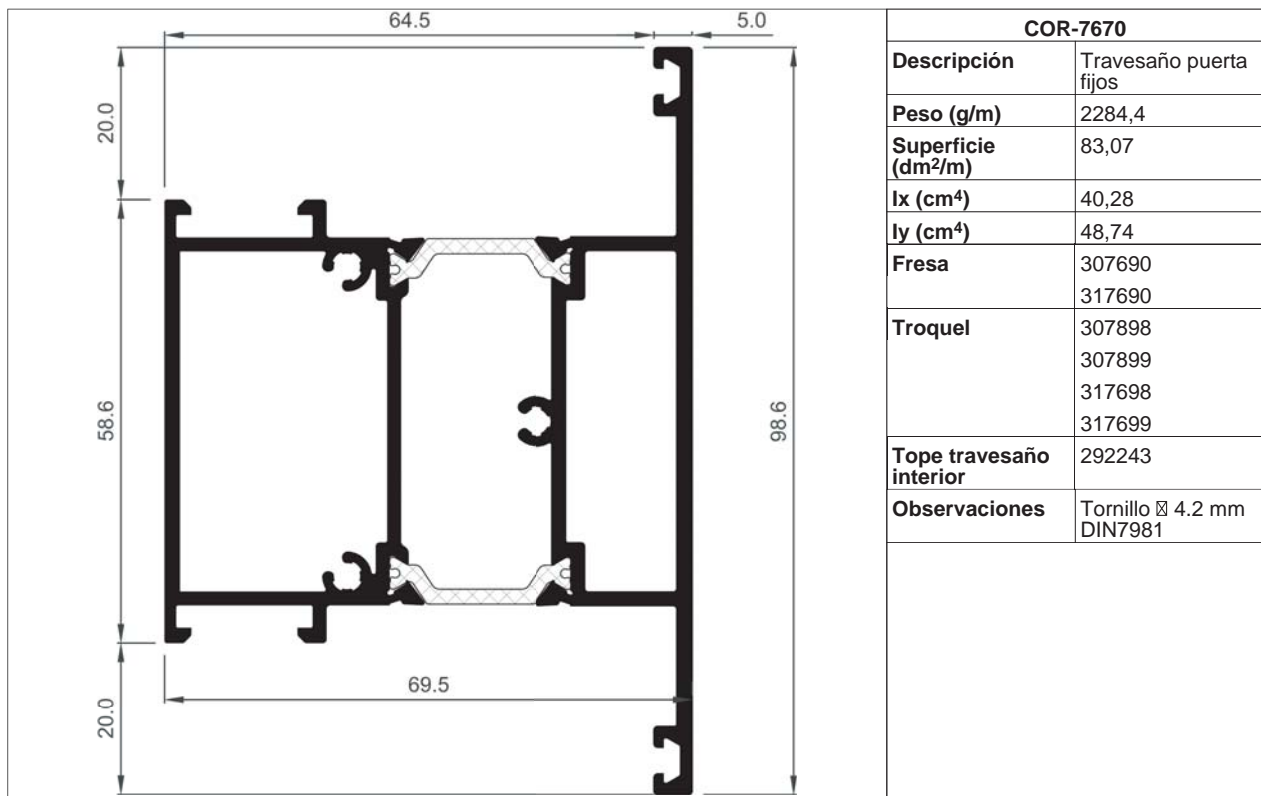


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| | COR-7690 | |
|--|---------------------------------|--------------------------------------|
| | Descripción | Travesaño puerta G.A. |
| | Peso (g/m) | 2284,4 |
| | Superficie (dm ² /m) | 83,07 |
| | Ix (cm ⁴) | 40,28 |
| | Iy (cm ⁴) | 48,74 |
| | Fresa | 307690 |
| | Troquel | 307898 307899 317698 317699 |
| | Tope travesaño interior | 292243 |
| | Observaciones | Tornillo Ø 4.2 mm DIN7981 |

| | COR-7620 | |
|--|---------------------------------|--------------------------------------|
| | Descripción | Hoja apertura interior |
| | Peso (g/m) | 2333 |
| | Superficie (dm ² /m) | 81,78 |
| | Ix (cm ⁴) | 41,54 |
| | Iy (cm ⁴) | 53,72 |
| | Escuadra principal | 307620 |
| | Troquel | 307898 307899 317698 317699 |
| | Escuadra secundaria | 307635 |
| | Escuadra alineamiento | 287310 |



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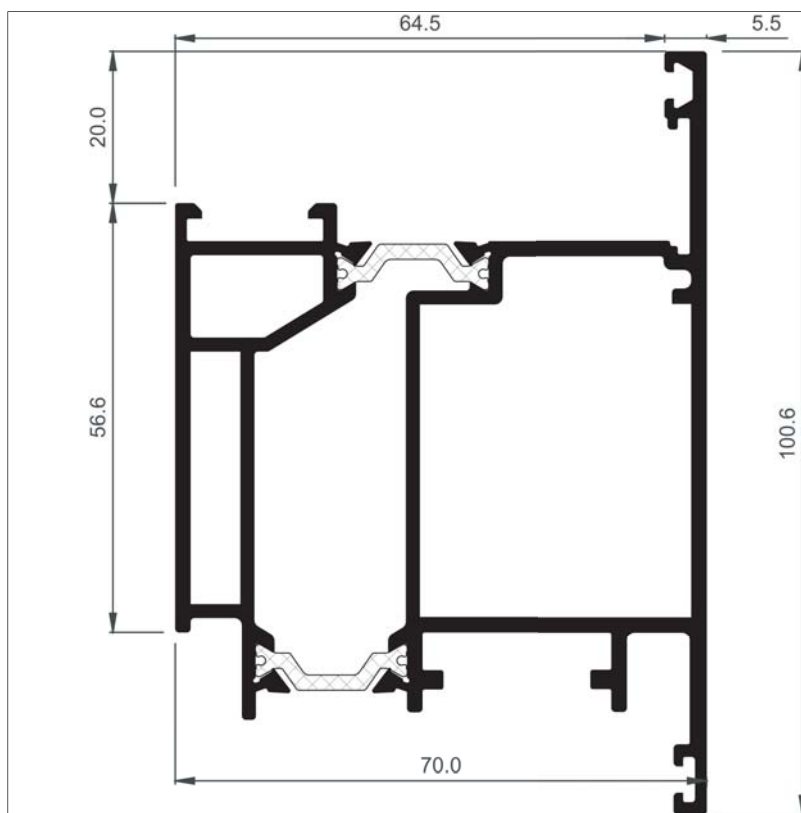


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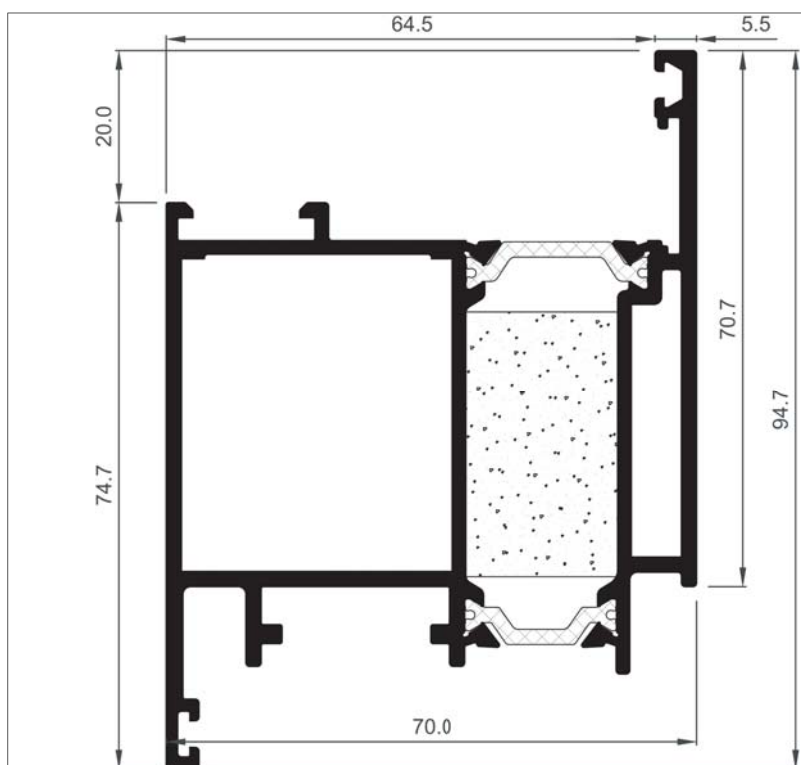


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PUERTA MILLENNIUM PLUS



| COR-7621 | |
|---------------------------------|--------------------------------------|
| Descripción | Hoja apertura exterior |
| Peso (g/m) | 2592,2 |
| Superficie (dm ² /m) | 91,8 |
| Ix (cm ⁴) | 53,5 |
| Iy (cm ⁴) | 58,62 |
| Escuadra principal | 307620 |
| Troquel | 307898 307899 317698 317699 |
| Escuadra secundaria | 307635 |
| Escuadra alineamiento | 287310 |



| COR-7685 | |
|---------------------------------|--------------------------------------|
| Descripción | Hoja apertura interior G.A. |
| Peso (g/m) | 2333 |
| Superficie (dm ² /m) | 81,78 |
| Ix (cm ⁴) | 41,54 |
| Iy (cm ⁴) | 53,72 |
| Escuadra principal | 307620 |
| Troquel | 307898 307899 317698 317699 |
| Escuadra secundaria | 307635 |
| Escuadra alineamiento | 287310 |



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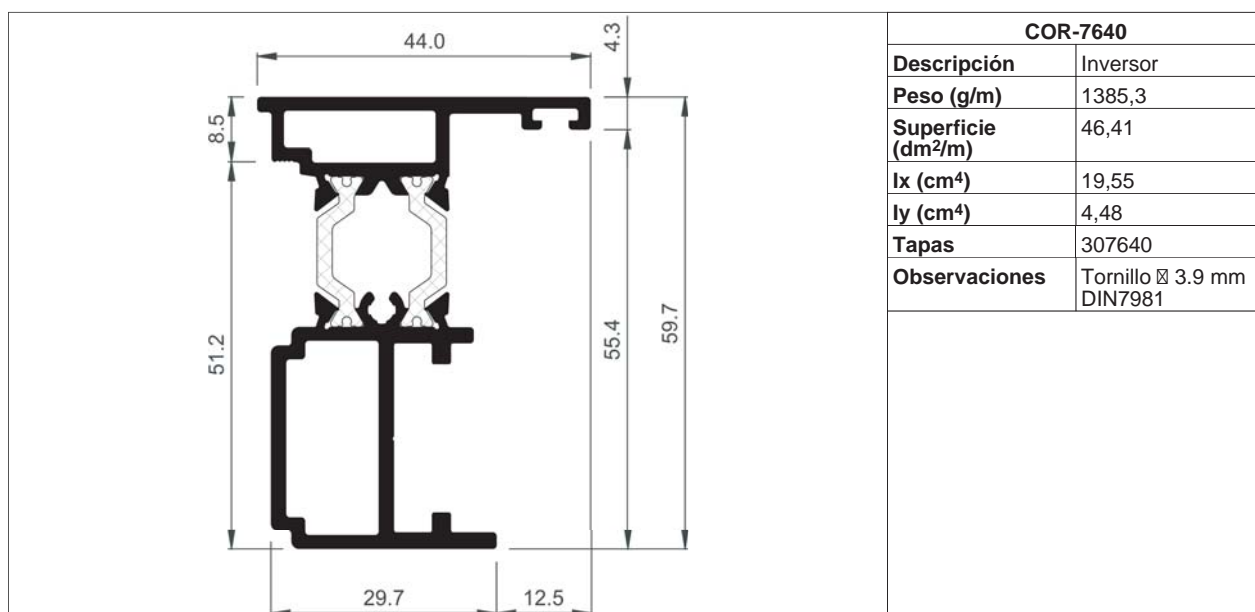
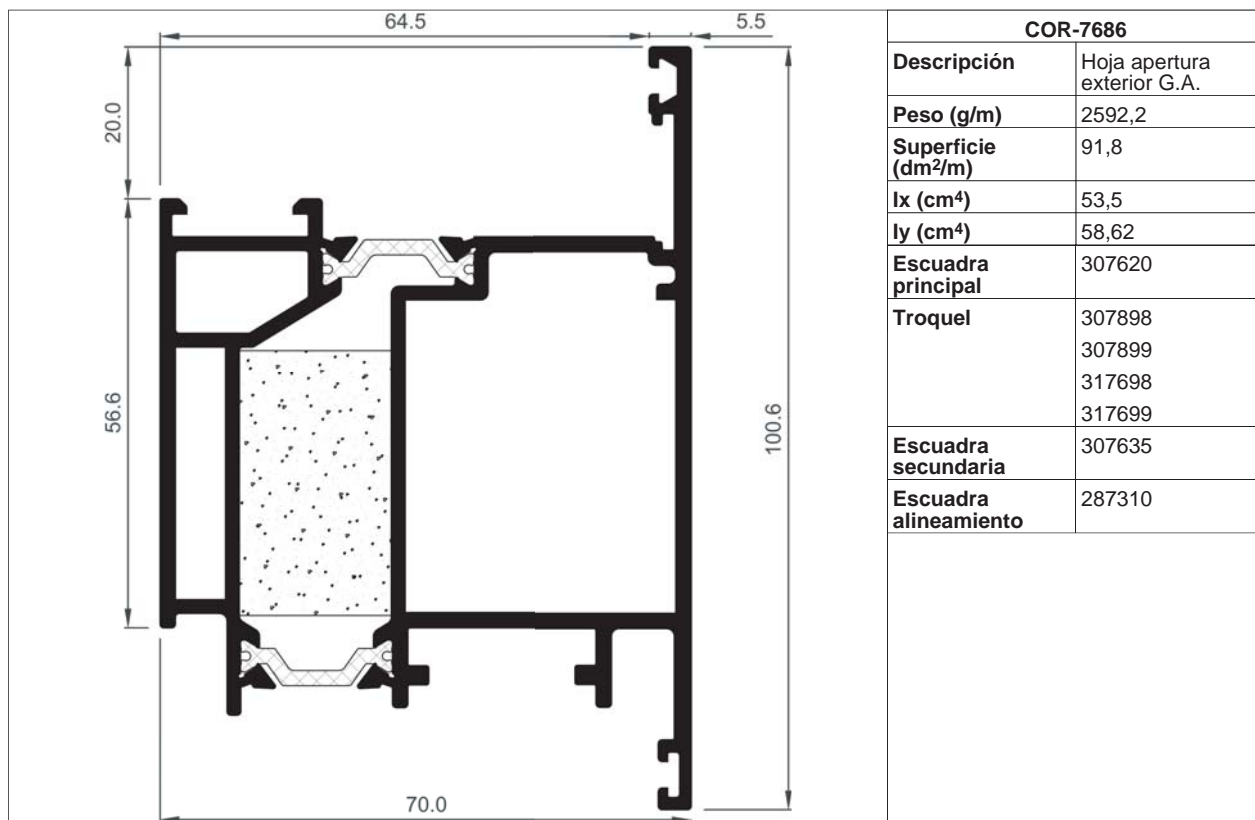


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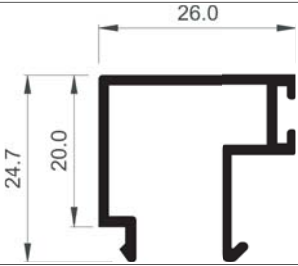
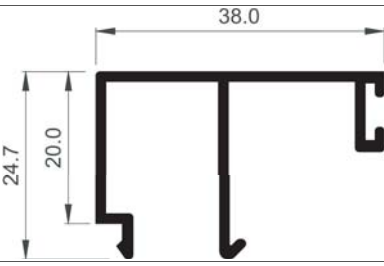
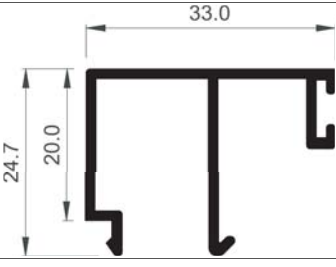
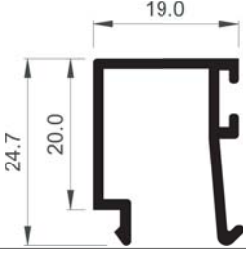
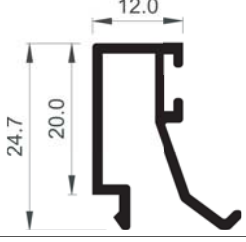
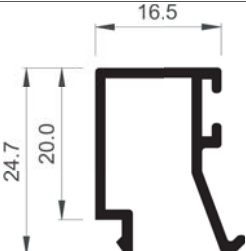


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|  | <table> <tr> <th colspan="2">COR-2015</th></tr> <tr> <td>Descripción</td><td>Junquillo clip recto de 26 mm</td></tr> <tr> <td>Peso (g/m)</td><td>321,3</td></tr> <tr> <td>Superficie (dm²/m)</td><td>18,09</td></tr> <tr> <td>I_x (cm⁴)</td><td>0,75</td></tr> <tr> <td>I_y (cm⁴)</td><td>0,97</td></tr> </table> | COR-2015 | | Descripción | Junquillo clip recto de 26 mm | Peso (g/m) | 321,3 | Superficie (dm ² /m) | 18,09 | I _x (cm ⁴) | 0,75 | I _y (cm ⁴) | 0,97 |
|---|---|----------|--|-------------|----------------------------------|------------|-------|---------------------------------|-------|-----------------------------------|------|-----------------------------------|------|
| COR-2015 | | | | | | | | | | | | | |
| Descripción | Junquillo clip recto de 26 mm | | | | | | | | | | | | |
| Peso (g/m) | 321,3 | | | | | | | | | | | | |
| Superficie (dm ² /m) | 18,09 | | | | | | | | | | | | |
| I _x (cm ⁴) | 0,75 | | | | | | | | | | | | |
| I _y (cm ⁴) | 0,97 | | | | | | | | | | | | |
|  | <table> <tr> <th colspan="2">COR-2016</th></tr> <tr> <td>Descripción</td><td>Junquillo clip recto de 38 mm</td></tr> <tr> <td>Peso (g/m)</td><td>375,3</td></tr> <tr> <td>Superficie (dm²/m)</td><td>21,15</td></tr> <tr> <td>I_x (cm⁴)</td><td>0,87</td></tr> <tr> <td>I_y (cm⁴)</td><td>2,18</td></tr> </table> | COR-2016 | | Descripción | Junquillo clip recto de 38 mm | Peso (g/m) | 375,3 | Superficie (dm ² /m) | 21,15 | I _x (cm ⁴) | 0,87 | I _y (cm ⁴) | 2,18 |
| COR-2016 | | | | | | | | | | | | | |
| Descripción | Junquillo clip recto de 38 mm | | | | | | | | | | | | |
| Peso (g/m) | 375,3 | | | | | | | | | | | | |
| Superficie (dm ² /m) | 21,15 | | | | | | | | | | | | |
| I _x (cm ⁴) | 0,87 | | | | | | | | | | | | |
| I _y (cm ⁴) | 2,18 | | | | | | | | | | | | |
|  | <table> <tr> <th colspan="2">COR-2017</th></tr> <tr> <td>Descripción</td><td>Junquillo clip recto de 33 mm</td></tr> <tr> <td>Peso (g/m)</td><td>356,4</td></tr> <tr> <td>Superficie (dm²/m)</td><td>20,15</td></tr> <tr> <td>I_x (cm⁴)</td><td>0,83</td></tr> <tr> <td>I_y (cm⁴)</td><td>1,56</td></tr> </table> | COR-2017 | | Descripción | Junquillo clip recto de 33 mm | Peso (g/m) | 356,4 | Superficie (dm ² /m) | 20,15 | I _x (cm ⁴) | 0,83 | I _y (cm ⁴) | 1,56 |
| COR-2017 | | | | | | | | | | | | | |
| Descripción | Junquillo clip recto de 33 mm | | | | | | | | | | | | |
| Peso (g/m) | 356,4 | | | | | | | | | | | | |
| Superficie (dm ² /m) | 20,15 | | | | | | | | | | | | |
| I _x (cm ⁴) | 0,83 | | | | | | | | | | | | |
| I _y (cm ⁴) | 1,56 | | | | | | | | | | | | |
|  | <table> <tr> <th colspan="2">COR-2018</th></tr> <tr> <td>Descripción</td><td>Junquillo clip recto de 19 mm</td></tr> <tr> <td>Peso (g/m)</td><td>275,4</td></tr> <tr> <td>Superficie (dm²/m)</td><td>15,53</td></tr> <tr> <td>I_x (cm⁴)</td><td>0,67</td></tr> <tr> <td>I_y (cm⁴)</td><td>0,53</td></tr> </table> | COR-2018 | | Descripción | Junquillo clip recto de 19 mm | Peso (g/m) | 275,4 | Superficie (dm ² /m) | 15,53 | I _x (cm ⁴) | 0,67 | I _y (cm ⁴) | 0,53 |
| COR-2018 | | | | | | | | | | | | | |
| Descripción | Junquillo clip recto de 19 mm | | | | | | | | | | | | |
| Peso (g/m) | 275,4 | | | | | | | | | | | | |
| Superficie (dm ² /m) | 15,53 | | | | | | | | | | | | |
| I _x (cm ⁴) | 0,67 | | | | | | | | | | | | |
| I _y (cm ⁴) | 0,53 | | | | | | | | | | | | |
|  | <table> <tr> <th colspan="2">COR-2019</th></tr> <tr> <td>Descripción</td><td>Junquillo clip recto de 12 mm</td></tr> <tr> <td>Peso (g/m)</td><td>261,9</td></tr> <tr> <td>Superficie (dm²/m)</td><td>14,75</td></tr> <tr> <td>I_x (cm⁴)</td><td>0,62</td></tr> <tr> <td>I_y (cm⁴)</td><td>0,27</td></tr> </table> | COR-2019 | | Descripción | Junquillo clip recto de 12 mm | Peso (g/m) | 261,9 | Superficie (dm ² /m) | 14,75 | I _x (cm ⁴) | 0,62 | I _y (cm ⁴) | 0,27 |
| COR-2019 | | | | | | | | | | | | | |
| Descripción | Junquillo clip recto de 12 mm | | | | | | | | | | | | |
| Peso (g/m) | 261,9 | | | | | | | | | | | | |
| Superficie (dm ² /m) | 14,75 | | | | | | | | | | | | |
| I _x (cm ⁴) | 0,62 | | | | | | | | | | | | |
| I _y (cm ⁴) | 0,27 | | | | | | | | | | | | |
|  | <table> <tr> <th colspan="2">COR-2065</th></tr> <tr> <td>Descripción</td><td>Junquillo clip recto de 16.50 mm</td></tr> <tr> <td>Peso (g/m)</td><td>270</td></tr> <tr> <td>Superficie (dm²/m)</td><td>15,13</td></tr> <tr> <td>I_x (cm⁴)</td><td>0,65</td></tr> <tr> <td>I_y (cm⁴)</td><td>0,41</td></tr> </table> | COR-2065 | | Descripción | Junquillo clip recto de 16.50 mm | Peso (g/m) | 270 | Superficie (dm ² /m) | 15,13 | I _x (cm ⁴) | 0,65 | I _y (cm ⁴) | 0,41 |
| COR-2065 | | | | | | | | | | | | | |
| Descripción | Junquillo clip recto de 16.50 mm | | | | | | | | | | | | |
| Peso (g/m) | 270 | | | | | | | | | | | | |
| Superficie (dm ² /m) | 15,13 | | | | | | | | | | | | |
| I _x (cm ⁴) | 0,65 | | | | | | | | | | | | |
| I _y (cm ⁴) | 0,41 | | | | | | | | | | | | |



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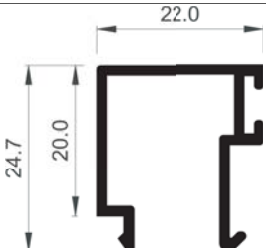
ALUMÍNIOS DE VISEU, LDA.



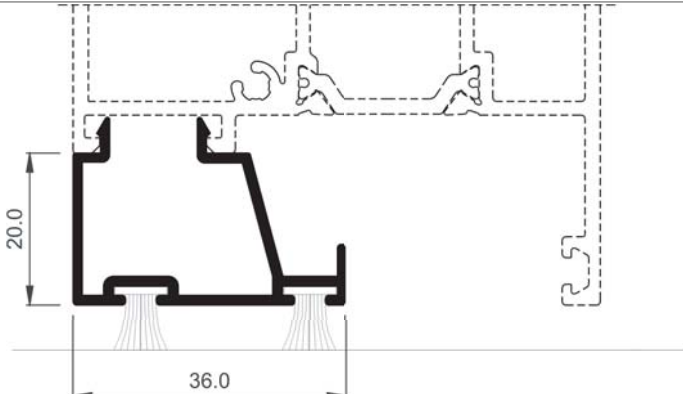
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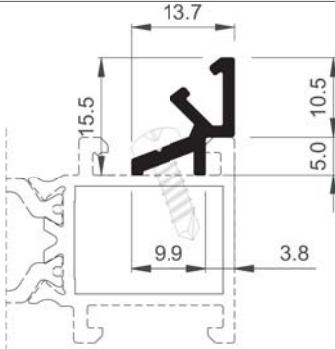
PUERTA MILLENNIUM PLUS

|  | COR-2093 | |
|---|-----------------------------------|------------------------------|
| | Descripción | Junquillo clip recto de 8 mm |
| | Peso (g/m) | 256,5 |
| | Superficie (dm ² /m) | 14,51 |
| | I _x (cm ⁴) | 0,56 |
| | I _y (cm ⁴) | 0,23 |

|  | COR-2117 | |
|---|-----------------------------------|-------------------------------|
| | Descripción | Junquillo clip recto de 22 mm |
| | Peso (g/m) | 294,3 |
| | Superficie (dm ² /m) | 16,49 |
| | I _x (cm ⁴) | 0,7 |
| | I _y (cm ⁴) | 0,69 |

|  | 603003 | |
|--|-----------------------------------|--------------------|
| | Descripción | Pletina de 30x3 mm |
| | Peso (g/m) | 243 |
| | Superficie (dm ² /m) | 6,6 |
| | I _x (cm ⁴) | - |
| | I _y (cm ⁴) | - |

|  | COR-2370 | |
|---|-----------------------------------|---------------|
| | Descripción | Remate puerta |
| | Peso (g/m) | 375,3 |
| | Superficie (dm ² /m) | 21,87 |
| | I _x (cm ⁴) | 0,81 |
| | I _y (cm ⁴) | 1,89 |
| | Juntas | 950010 |

|  | COR-2714 | |
|---|-----------------------------------|-----------------------------|
| | Descripción | Acople esquinero regulable |
| | Peso (g/m) | 162 |
| | Superficie (dm ² /m) | 7,34 |
| | I _x (cm ⁴) | - |
| | I _y (cm ⁴) | - |
| | Observaciones | Tornillo Ø 3.5 mm DIN7504N. |



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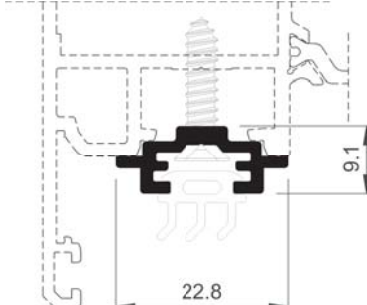


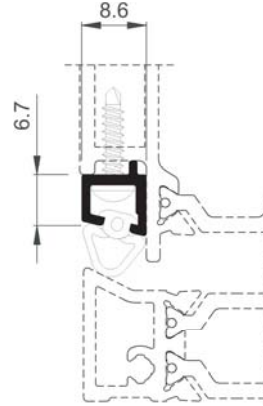
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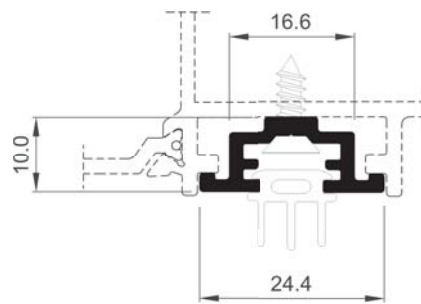


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PUERTA MILLENNIUM PLUS

| | | |
|---|--------------------------------------|-------------------------------|
|  | COR-2849 | |
| | Descripción | Portacepillos puerta CC16 |
| | Peso (g/m) | 199,8 |
| | Superficie (dm²/m) | 8,8 |
| | Ix (cm⁴) | 0,04 |
| | Iy (cm⁴) | 0,29 |
| | Juntas | 307600 |
| | Observaciones | Tornillo Ø 3.9 mm DIN7504P-A2 |

| | | |
|--|--------------------------------------|-----------------------------------|
|  | COR-7658 | |
| | Descripción | Remate portagomas inferior puerta |
| | Peso (g/m) | 86,4 |
| | Superficie (dm²/m) | 5,07 |
| | Ix (cm⁴) | 0,02 |
| | Iy (cm⁴) | 0,03 |
| | Tapas | 307633 |
| | Juntas | 237201 |
| | Observaciones | Tornillo Ø 2.9 mm DIN7504N-A2 |

| | | |
|---|--------------------------------------|-----------------------------|
|  | COR-7662 | |
| | Descripción | Portacepillos umbral puerta |
| | Peso (g/m) | 232,2 |
| | Superficie (dm²/m) | 9,83 |
| | Ix (cm⁴) | 0,09 |
| | Iy (cm⁴) | 0,4 |
| | Juntas | 307600 |
| | Observaciones | Tornillo Ø 3.9 mm DIN7982 |



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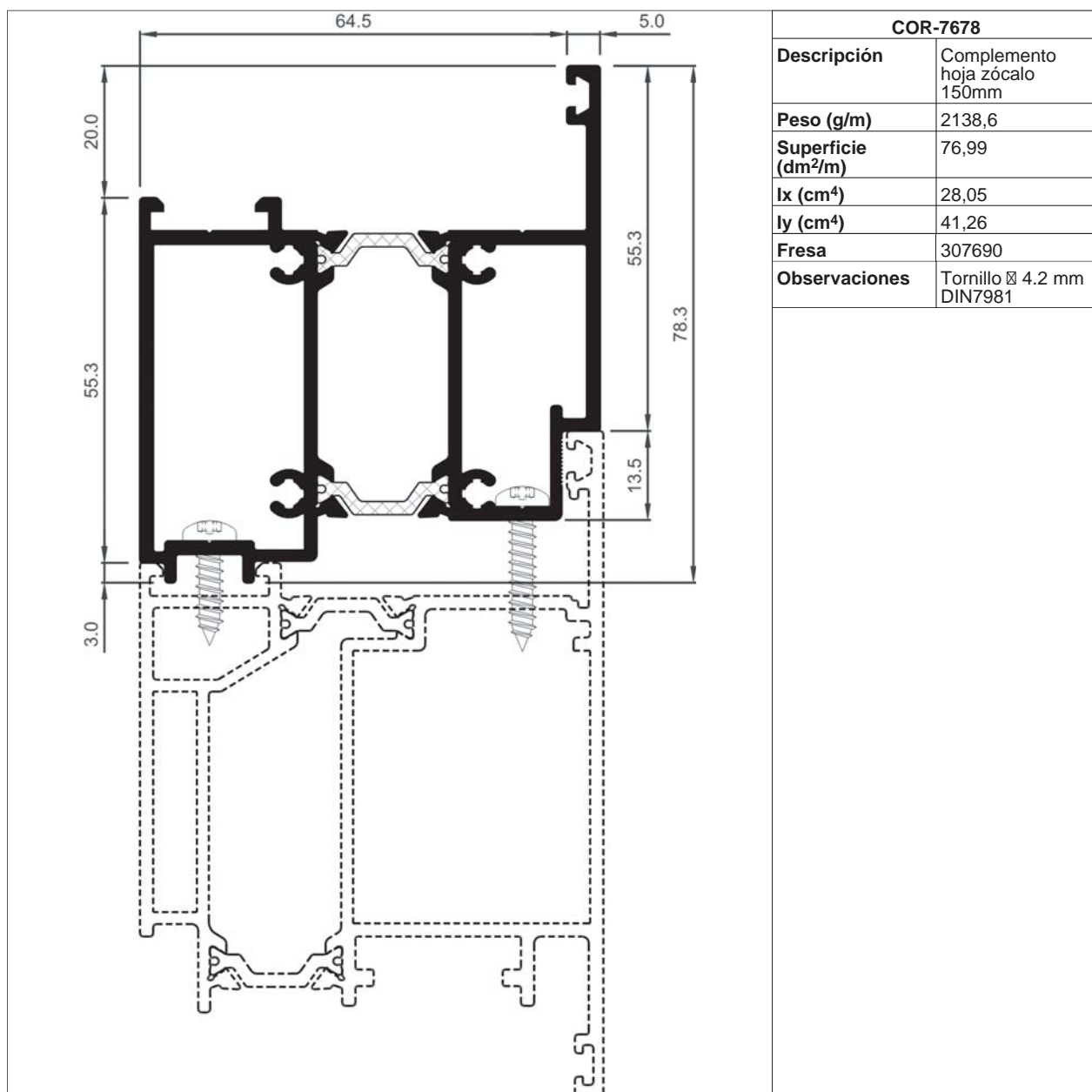


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PUERTA MILLENNIUM PLUS



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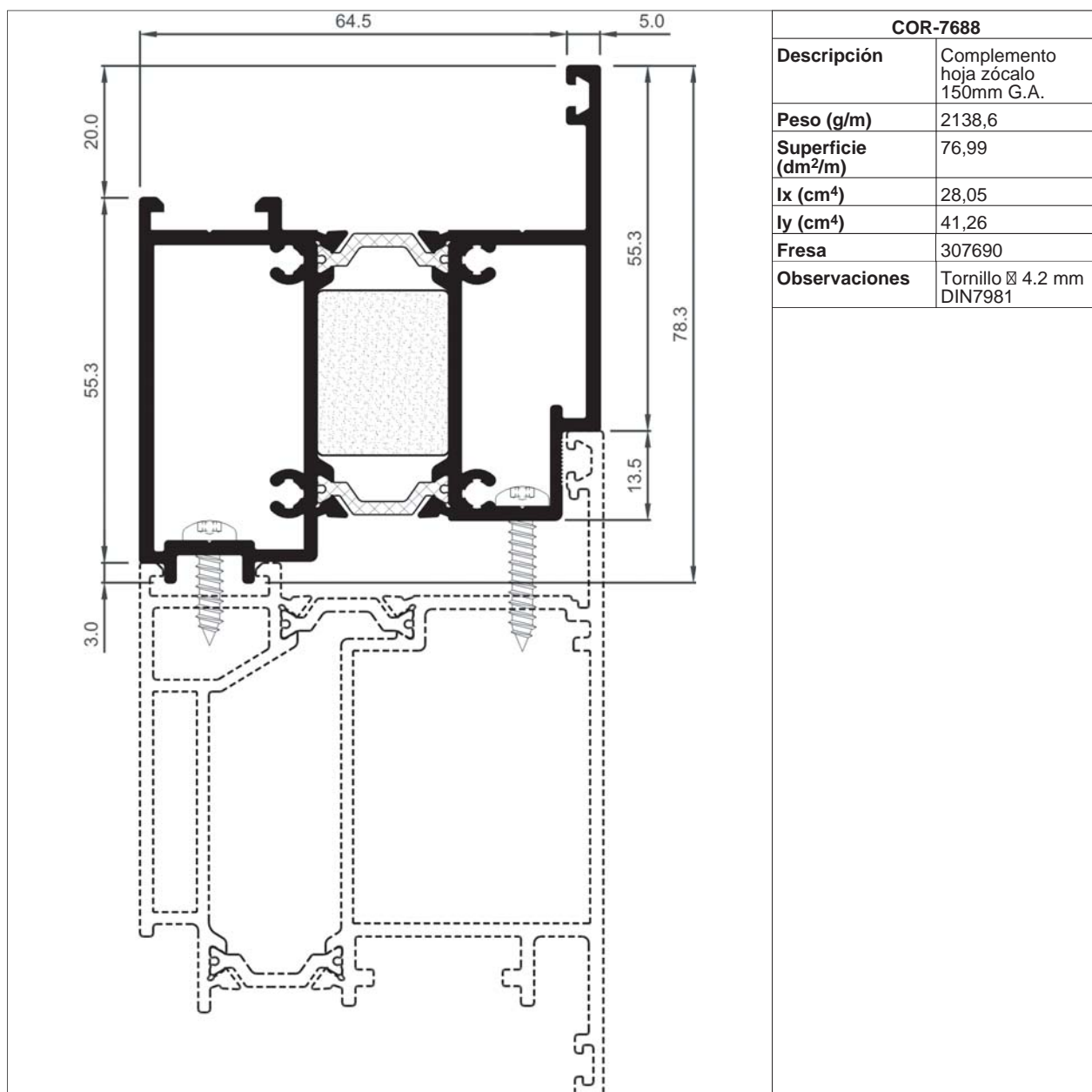


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PUERTA MILLENNIUM PLUS



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ALUMÍNIOS DE VISEU, LDA.



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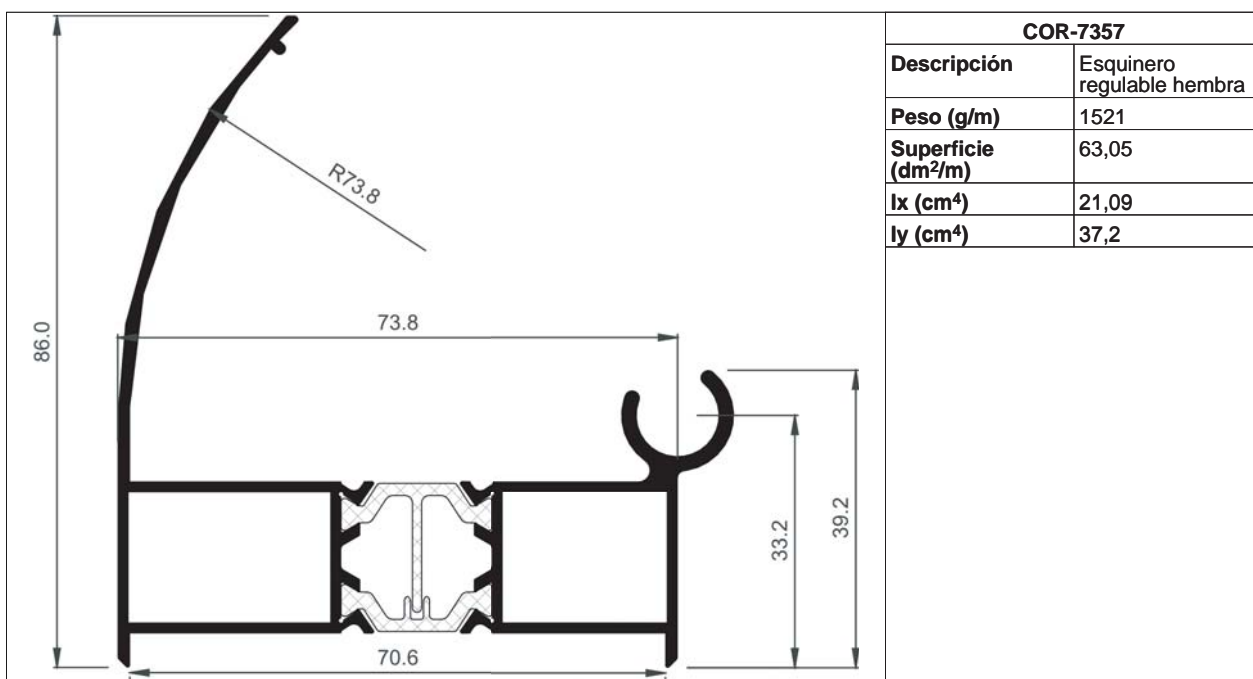
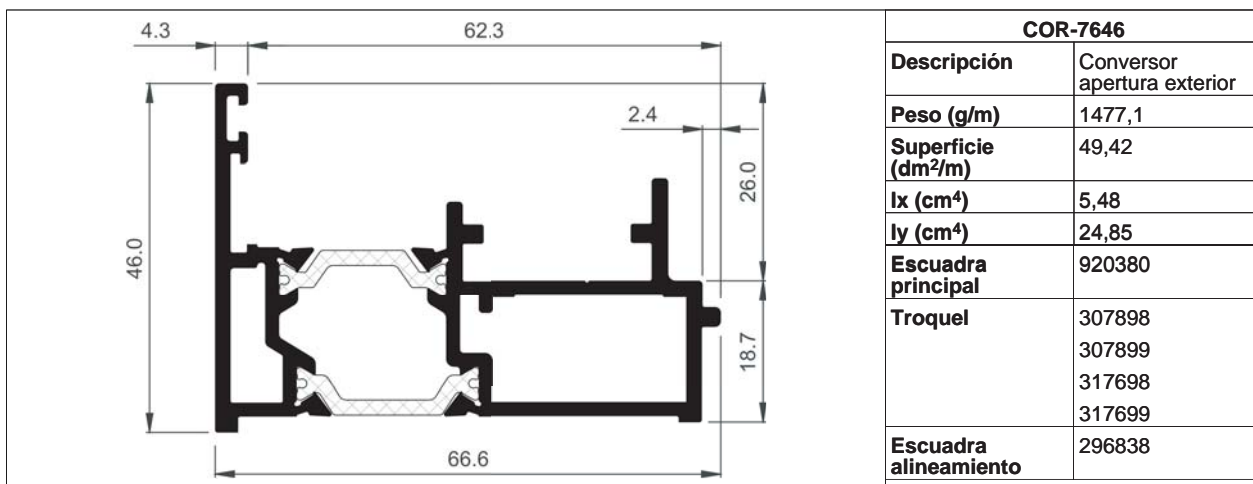
PUERTA MILLENNIUM PLUS

| | COR-7997 | |
|--|-----------------------------------|---------------------------------|
| | Descripción | Acople para junta de dilatación |
| | Peso (g/m) | 297 |
| | Superficie (dm ² /m) | 12,56 |
| | I _x (cm ⁴) | 0,63 |
| | I _y (cm ⁴) | 0,24 |
| | Tornillería | 813919 |
| | | |

| | COR-8296 | |
|--|-----------------------------------|---------|
| | Descripción | Goterón |
| | Peso (g/m) | 116,1 |
| | Superficie (dm ² /m) | 7,37 |
| | I _x (cm ⁴) | 0,06 |
| | I _y (cm ⁴) | 0,07 |
| | Tapas | 258206 |
| | Tornillería | 238297 |

| | COR-7645 | |
|--|-----------------------------------|-------------------------------|
| | Descripción | Convertidor apertura interior |
| | Peso (g/m) | 1404,2 |
| | Superficie (dm ² /m) | 46,56 |
| | I _x (cm ⁴) | 5,26 |
| | I _y (cm ⁴) | 24,14 |
| | Escuadra principal | 920380 |
| | Troquel | 307898 |
| | | 307899 |
| | | 317698 |
| | | 317699 |
| | Escuadra alineamiento | 296838 |

PUERTA MILLENNIUM PLUS



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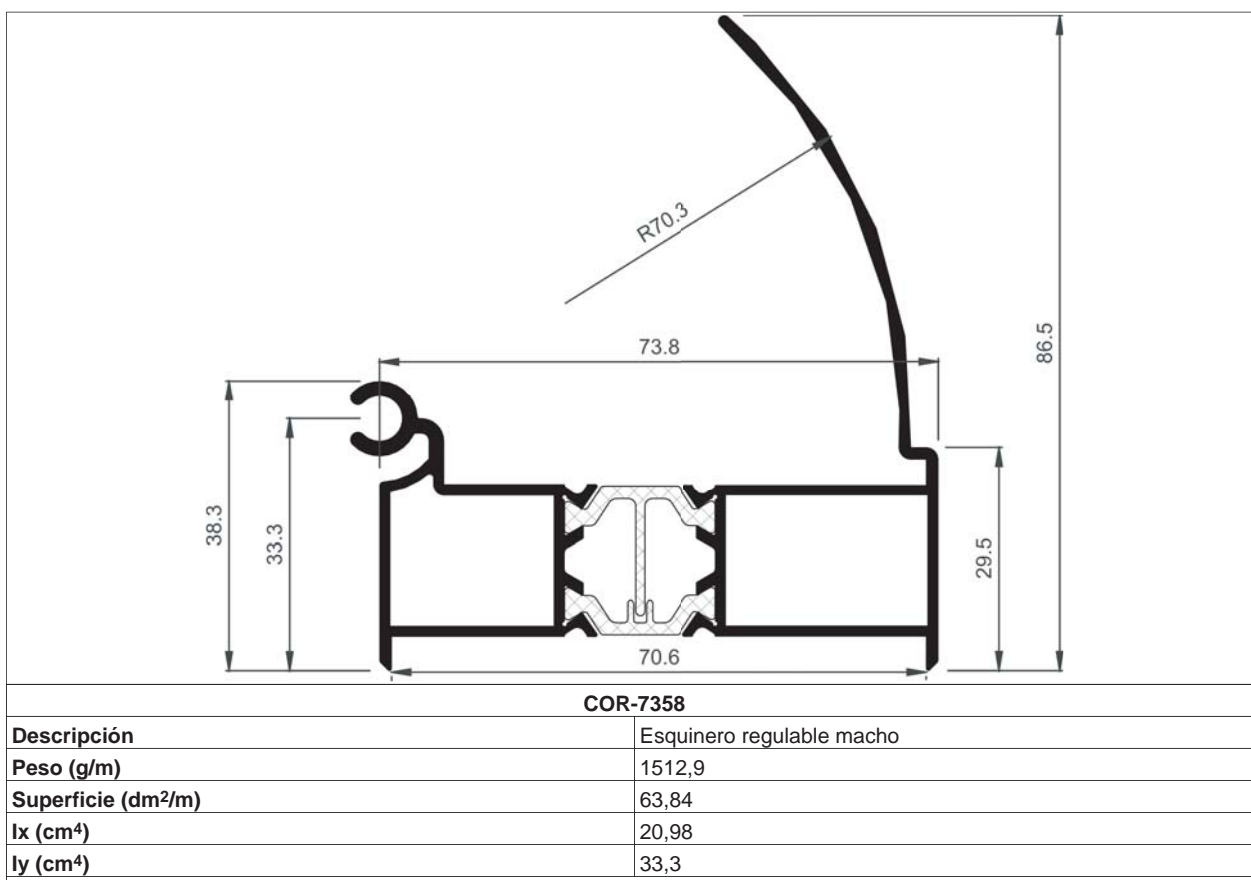


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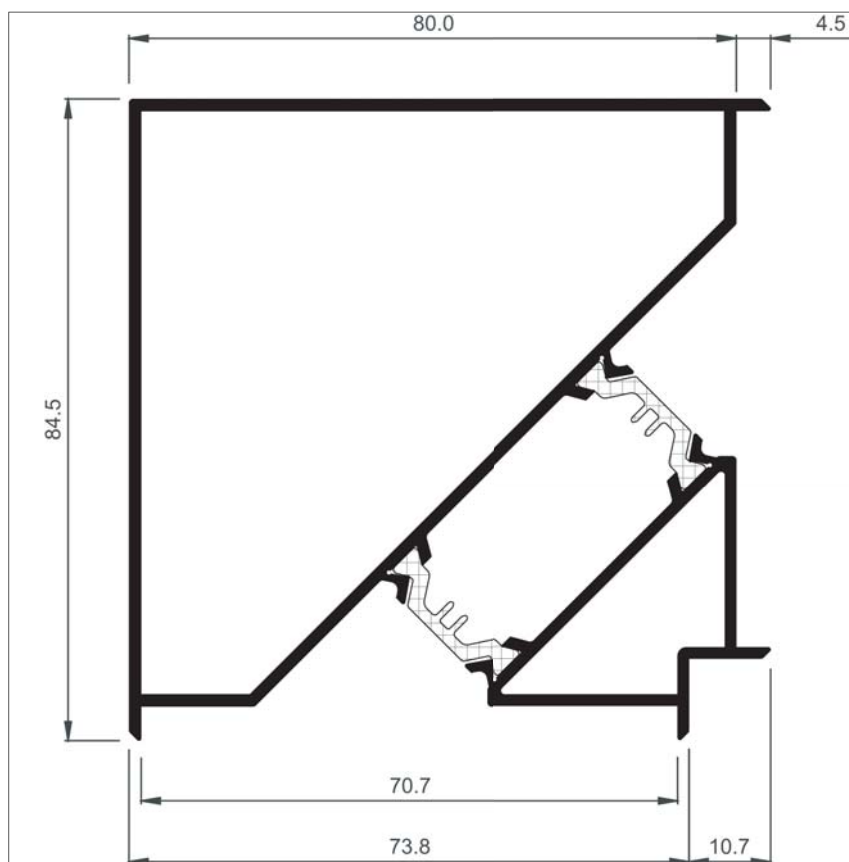


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PUERTA MILLENNIUM PLUS



| COR-7359 | |
|---------------------------------|-----------------|
| Descripción | Esquinero recto |
| Peso (g/m) | 2017,1 |
| Superficie (dm ² /m) | 86,55 |
| Ix (cm ⁴) | 56,75 |
| Iy (cm ⁴) | 56,75 |



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| | | |
|--|---------------------------------------|---------------------|
| | COR-7980 | |
| | Descripción | Esquinero regulable |
| | Peso (g/m) | 1706,6 |
| | Superficie (dm²/m) | 74,14 |
| | I_x (cm⁴) | 32,41 |
| | I_y (cm⁴) | 27,95 |

| | | |
|--|---------------------------------------|--------------------|
| | COR-2741 | |
| | Descripción | Grapa para solapes |
| | Peso (g/m) | 243 |
| | Superficie (dm²/m) | 11,26 |
| | I_x (cm⁴) | 0,59 |
| | I_y (cm⁴) | 0,24 |
| | Tornillería | 853913 |



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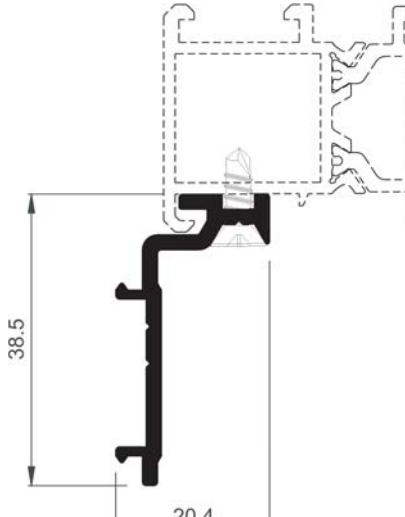


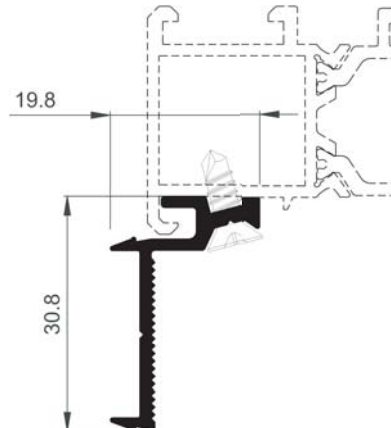
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PUERTA MILLENNIUM PLUS

|  | COR-2744 | |
|--|-----------------------------------|--------------------|
| | Descripción | Grapa para solapes |
| | Peso (g/m) | 348,3 |
| | Superficie (dm ² /m) | 13,98 |
| | I _x (cm ⁴) | 1,84 |
| | I _y (cm ⁴) | 0,36 |
| | Tornillería | 853913 |

|  | COR-2842 | |
|---|-----------------------------------|--------------------|
| | Descripción | Grapa para solapes |
| | Peso (g/m) | 261,9 |
| | Superficie (dm ² /m) | 12,73 |
| | I _x (cm ⁴) | 0,9 |
| | I _y (cm ⁴) | 0,24 |
| | Tornillería | 853913 |



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PUERTA MILLENNIUM PLUS

| | COR-1700 | |
|--|-----------------------------------|---------------|
| | Descripción | U de refuerzo |
| | Peso (g/m) | 1239,3 |
| | Superficie (dm ² /m) | 34,5 |
| | I _x (cm ⁴) | 20,05 |
| | I _y (cm ⁴) | 12,71 |

| | COR-6852 | |
|--|-----------------------------------|--------------------|
| | Descripción | Tubo de 50x30 INOX |
| | Peso (g/m) | - |
| | Superficie (dm ² /m) | - |
| | I _x (cm ⁴) | 7,87 |
| | I _y (cm ⁴) | 3,54 |

| | COR-7252 | |
|--|-----------------------------------|-----------------|
| | Descripción | Tubo 25x25 INOX |
| | Peso (g/m) | - |
| | Superficie (dm ² /m) | - |
| | I _x (cm ⁴) | 1,29 |
| | I _y (cm ⁴) | 1,29 |



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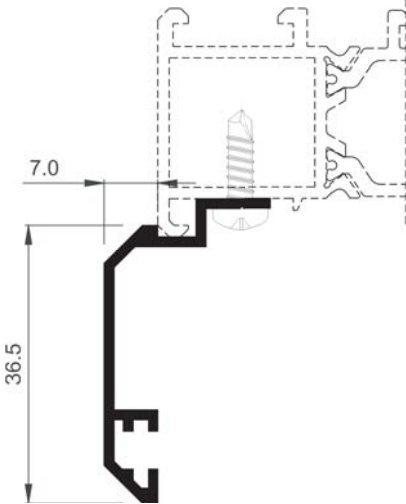
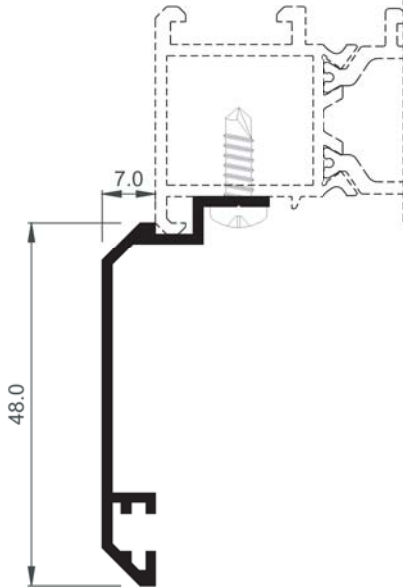
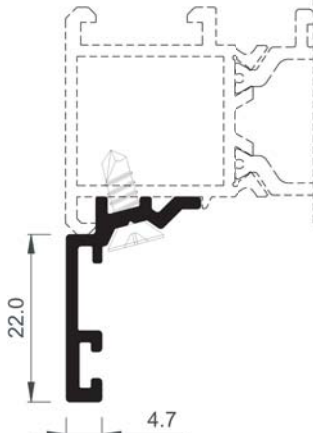


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PUERTA MILLENNIUM PLUS

|  | <table> <tr> <th colspan="2">COR-2026</th></tr> <tr> <td>Descripción</td><td>Solape 35 mm</td></tr> <tr> <td>Peso (g/m)</td><td>272,7</td></tr> <tr> <td>Superficie (dm²/m)</td><td>15,24</td></tr> <tr> <td>Ix (cm⁴)</td><td>1,8</td></tr> <tr> <td>Iy (cm⁴)</td><td>0,33</td></tr> <tr> <td>Escuadra alineamiento</td><td>212008</td></tr> <tr> <td>Observaciones</td><td>Tornillo Ø 3.9 mm DIN7504N-A2.</td></tr> </table> | COR-2026 | | Descripción | Solape 35 mm | Peso (g/m) | 272,7 | Superficie (dm ² /m) | 15,24 | Ix (cm ⁴) | 1,8 | Iy (cm ⁴) | 0,33 | Escuadra alineamiento | 212008 | Observaciones | Tornillo Ø 3.9 mm DIN7504N-A2. |
|---|--|----------|--|-------------|--------------------|------------|-------|---------------------------------|-------|-----------------------|------|-----------------------|------|-----------------------|--------|---------------|--------------------------------|
| COR-2026 | | | | | | | | | | | | | | | | | |
| Descripción | Solape 35 mm | | | | | | | | | | | | | | | | |
| Peso (g/m) | 272,7 | | | | | | | | | | | | | | | | |
| Superficie (dm ² /m) | 15,24 | | | | | | | | | | | | | | | | |
| Ix (cm ⁴) | 1,8 | | | | | | | | | | | | | | | | |
| Iy (cm ⁴) | 0,33 | | | | | | | | | | | | | | | | |
| Escuadra alineamiento | 212008 | | | | | | | | | | | | | | | | |
| Observaciones | Tornillo Ø 3.9 mm DIN7504N-A2. | | | | | | | | | | | | | | | | |
|  | <table> <tr> <th colspan="2">COR-2036</th></tr> <tr> <td>Descripción</td><td>Solape 48 mm</td></tr> <tr> <td>Peso (g/m)</td><td>272,7</td></tr> <tr> <td>Superficie (dm²/m)</td><td>17,63</td></tr> <tr> <td>Ix (cm⁴)</td><td>3,19</td></tr> <tr> <td>Iy (cm⁴)</td><td>0,31</td></tr> <tr> <td>Escuadra alineamiento</td><td>212008</td></tr> <tr> <td>Observaciones</td><td>Tornillo Ø 3.9 mm DIN7504N-A2.</td></tr> </table> | COR-2036 | | Descripción | Solape 48 mm | Peso (g/m) | 272,7 | Superficie (dm ² /m) | 17,63 | Ix (cm ⁴) | 3,19 | Iy (cm ⁴) | 0,31 | Escuadra alineamiento | 212008 | Observaciones | Tornillo Ø 3.9 mm DIN7504N-A2. |
| COR-2036 | | | | | | | | | | | | | | | | | |
| Descripción | Solape 48 mm | | | | | | | | | | | | | | | | |
| Peso (g/m) | 272,7 | | | | | | | | | | | | | | | | |
| Superficie (dm ² /m) | 17,63 | | | | | | | | | | | | | | | | |
| Ix (cm ⁴) | 3,19 | | | | | | | | | | | | | | | | |
| Iy (cm ⁴) | 0,31 | | | | | | | | | | | | | | | | |
| Escuadra alineamiento | 212008 | | | | | | | | | | | | | | | | |
| Observaciones | Tornillo Ø 3.9 mm DIN7504N-A2. | | | | | | | | | | | | | | | | |
|  | <table> <tr> <th colspan="2">COR-2725</th></tr> <tr> <td>Descripción</td><td>Solape recto 22 mm</td></tr> <tr> <td>Peso (g/m)</td><td>245,7</td></tr> <tr> <td>Superficie (dm²/m)</td><td>11,2</td></tr> <tr> <td>Ix (cm⁴)</td><td>0,71</td></tr> <tr> <td>Iy (cm⁴)</td><td>0,2</td></tr> <tr> <td>Escuadra alineamiento</td><td>212007</td></tr> <tr> <td>Observaciones</td><td>Tornillo Ø 3.9 mm DIN7504P-A2</td></tr> </table> | COR-2725 | | Descripción | Solape recto 22 mm | Peso (g/m) | 245,7 | Superficie (dm ² /m) | 11,2 | Ix (cm ⁴) | 0,71 | Iy (cm ⁴) | 0,2 | Escuadra alineamiento | 212007 | Observaciones | Tornillo Ø 3.9 mm DIN7504P-A2 |
| COR-2725 | | | | | | | | | | | | | | | | | |
| Descripción | Solape recto 22 mm | | | | | | | | | | | | | | | | |
| Peso (g/m) | 245,7 | | | | | | | | | | | | | | | | |
| Superficie (dm ² /m) | 11,2 | | | | | | | | | | | | | | | | |
| Ix (cm ⁴) | 0,71 | | | | | | | | | | | | | | | | |
| Iy (cm ⁴) | 0,2 | | | | | | | | | | | | | | | | |
| Escuadra alineamiento | 212007 | | | | | | | | | | | | | | | | |
| Observaciones | Tornillo Ø 3.9 mm DIN7504P-A2 | | | | | | | | | | | | | | | | |



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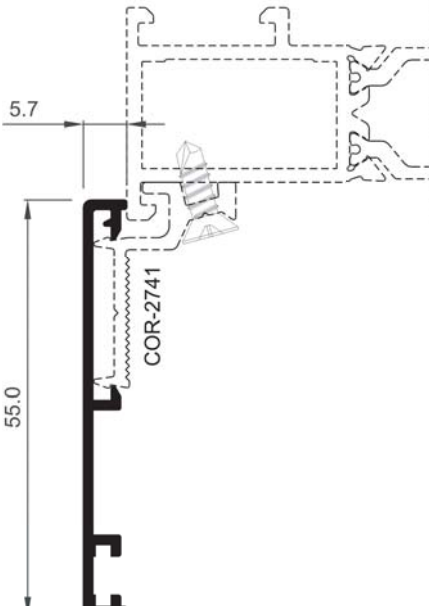


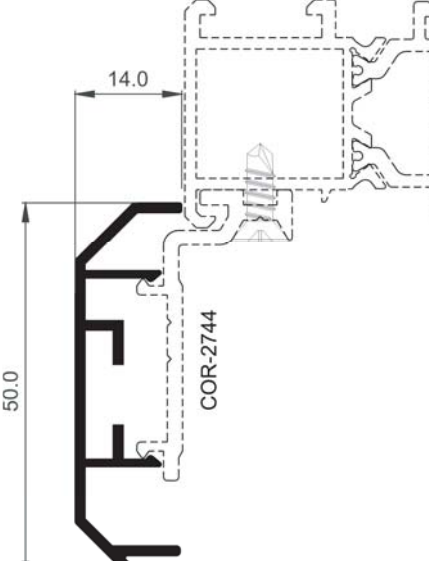
ALUMÍNIOS DE VISEU, LDA.



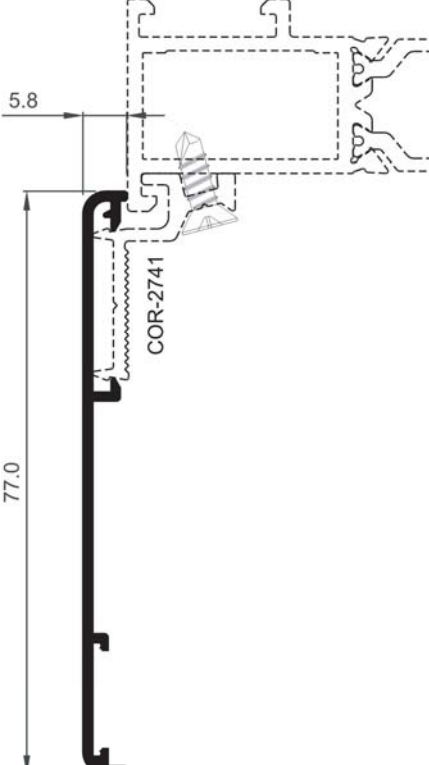
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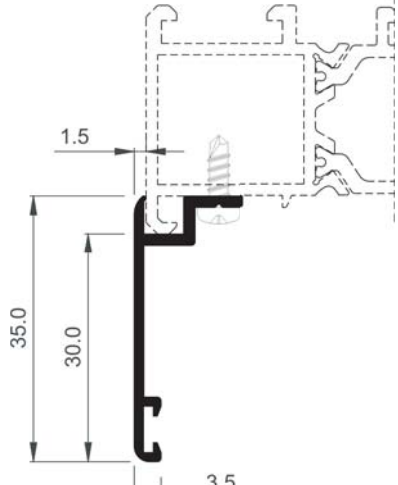
PUERTA MILLENNIUM PLUS

|  | COR-2728 | |
|--|-----------------------------------|-----------------------|
| | Descripción | Solape recto de 55 mm |
| | Peso (g/m) | 270 |
| | Superficie (dm ² /m) | 16,03 |
| | I _x (cm ⁴) | 3,19 |
| | I _y (cm ⁴) | 0,02 |
| | Escuadra alineamiento | 212008 912100 |
| | Observaciones | Grapa 2741 |
| | | |

|  | COR-2733 | |
|---|-----------------------------------|-------------------------|
| | Descripción | Solape chaflán de 50 mm |
| | Peso (g/m) | 367,2 |
| | Superficie (dm ² /m) | 21,82 |
| | I _x (cm ⁴) | 3,42 |
| | I _y (cm ⁴) | 0,21 |
| | Escuadra alineamiento | 207004 277004 |
| | Observaciones | Grapa 2744. |
| | | |

PUERTA MILLENNIUM PLUS

| | | |
|--|---------------------------------------|-----------------|
|  | COR-2734 | |
| | Descripción | Solape de 77 mm |
| | Peso (g/m) | 337,5 |
| | Superficie (dm²/m) | 19,66 |
| | I_x (cm⁴) | 7,31 |
| | I_y (cm⁴) | 0,02 |
| | Escuadra alineamiento | 912100 |
| | | 920135 |
| | Observaciones | Grapa 2741 |

| | | |
|---|---------------------------------------|----------------------|
|  | COR-2735 | |
| | Descripción | Solape para tornillo |
| | Peso (g/m) | 205,2 |
| | Superficie (dm²/m) | 12,02 |
| | I_x (cm⁴) | 0,99 |
| | I_y (cm⁴) | 0,11 |
| | Tornillería | 852913 |
| | Escuadra alineamiento | 212007 |



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PALA - MIGUEL & REIS, LDA.

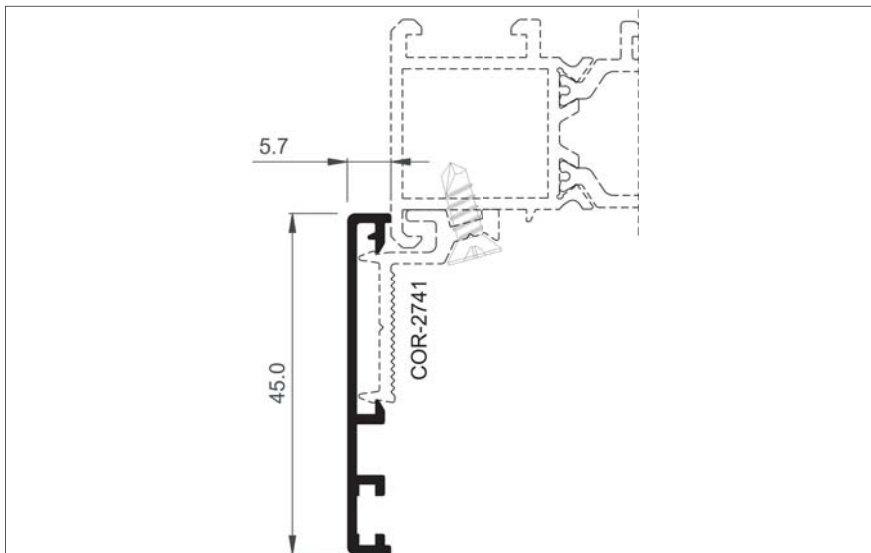


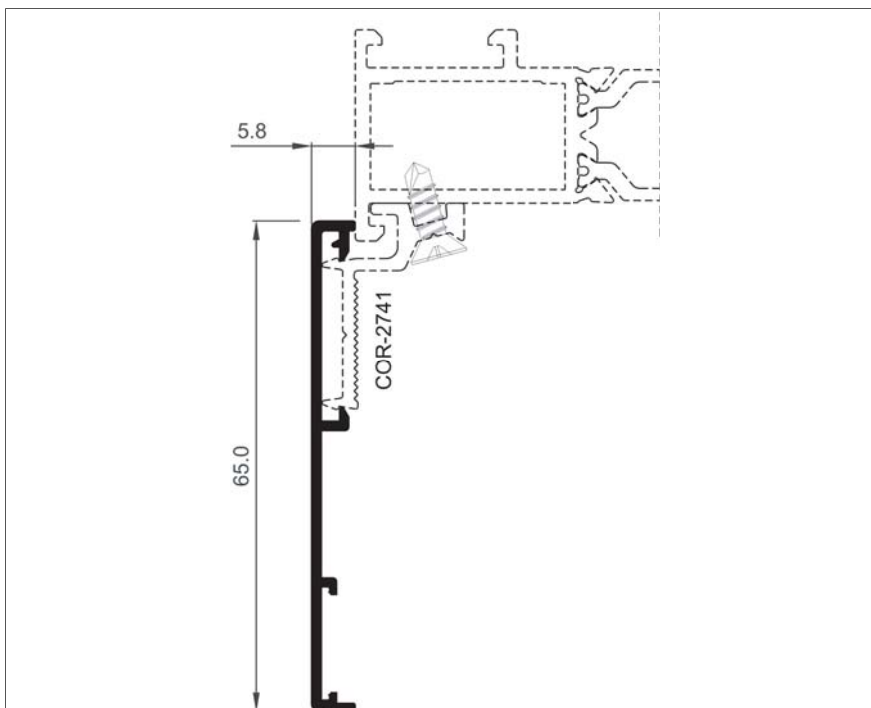
ALUMÍNIOS DE VISEU, LDA.



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PUERTA MILLENNIUM PLUS

|  | COR-2745 | |
|--|---------------------------------|--------------------|
| | Descripción | Solape recto 45 mm |
| | Peso (g/m) | 237,6 |
| | Superficie (dm ² /m) | 14,03 |
| | Ix (cm ⁴) | 1,88 |
| | Iy (cm ⁴) | 0,02 |
| | Escuadra alineamiento | 212008 |
| | | 912100 |
| | Observaciones | Grapa 2741 |

|  | COR-2773 | |
|--|---------------------------------|-----------------------|
| | Descripción | Solape recto de 65 mm |
| | Peso (g/m) | 299,7 |
| | Superficie (dm ² /m) | 17,49 |
| | Ix (cm ⁴) | 4,7 |
| | Iy (cm ⁴) | 0,02 |
| | Escuadra alineamiento | 912100 |
| | | 920135 |
| | Observaciones | Grapa 2741 |



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PALA - MIGUEL & REIS, LDA.

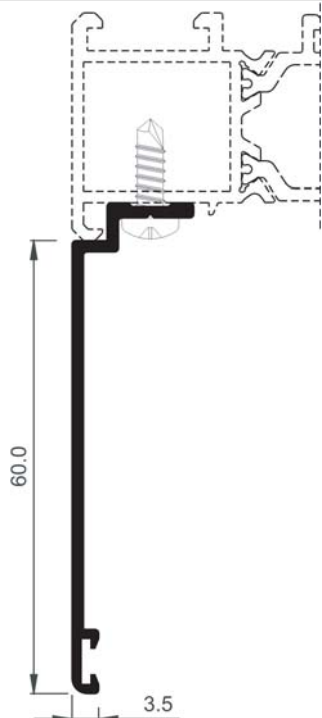


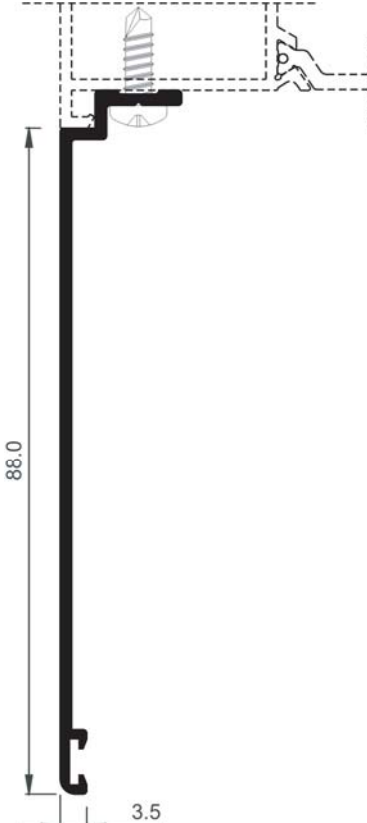
ALUMÍNIOS DE VISEU, LDA.



ANGULAR - Aluminios, Lda.

PUERTA MILLENNIUM PLUS

|  | COR-2781 | |
|--|-----------------------------------|--------------------------------|
| | Descripción | Solape recto 60 mm |
| | Peso (g/m) | 337,5 |
| | Superficie (dm ² /m) | 17,32 |
| | I _x (cm ⁴) | 5,59 |
| | I _y (cm ⁴) | 0,18 |
| | Escuadra alineamiento | 212007 |
| | Observaciones | Tornillo Ø 3.9 mm DIN7504N-A2. |

|  | COR-2788 | |
|---|-----------------------------------|--------------------------------|
| | Descripción | Solape recto 88 mm |
| | Peso (g/m) | 450,9 |
| | Superficie (dm ² /m) | 22,92 |
| | I _x (cm ⁴) | 14,88 |
| | I _y (cm ⁴) | 0,19 |
| | Escuadra alineamiento | 212007 |
| | Observaciones | Tornillo Ø 3.9 mm DIN7504N-A2. |



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PALA - MIGUEL & REIS, LDA.

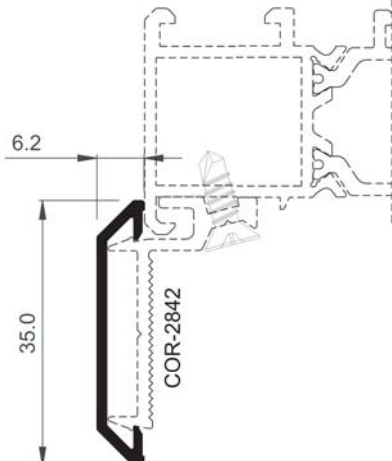


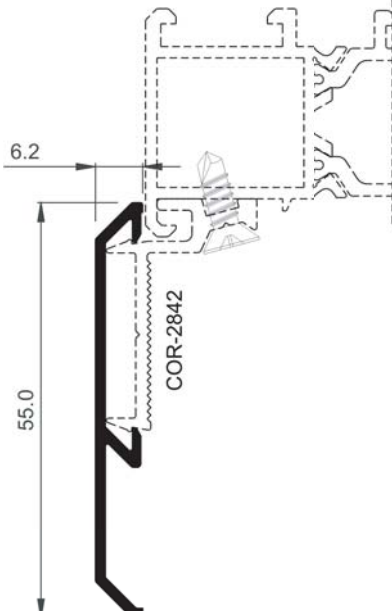
ALUMÍNIOS DE VISEU, LDA.



ANGULAR - Aluminios, Lda.

PUERTA MILLENNIUM PLUS

| | | |
|---|---------------------------------------|-----------------|
|  | COR-2831 | |
| | Descripción | Solape de 35 mm |
| | Peso (g/m) | 159,3 |
| | Superficie (dm²/m) | 9,31 |
| | I_x (cm⁴) | 0,76 |
| | I_y (cm⁴) | 0,02 |
| | Escuadra alineamiento | 242831 |
| | Observaciones | Grapa 2842 |
| | | |

| | | |
|---|---------------------------------------|-----------------|
|  | COR-2835 | |
| | Descripción | Solape de 55 mm |
| | Peso (g/m) | 253,8 |
| | Superficie (dm²/m) | 14,4 |
| | I_x (cm⁴) | 2,44 |
| | I_y (cm⁴) | 0,03 |
| | Escuadra alineamiento | 242831 |
| | Observaciones | Grapa 2842 |
| | | |



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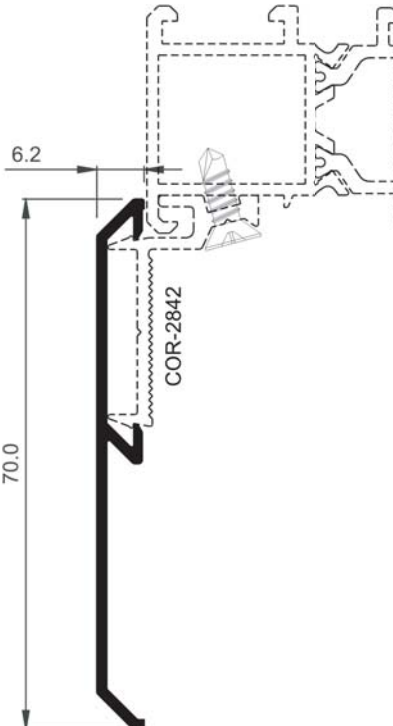


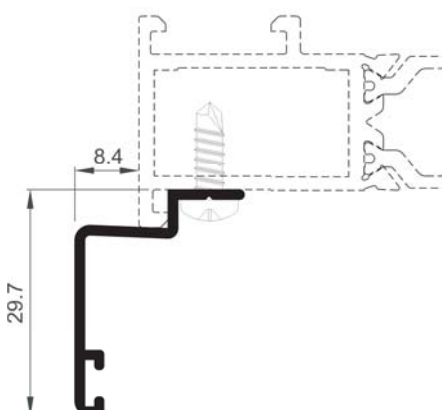
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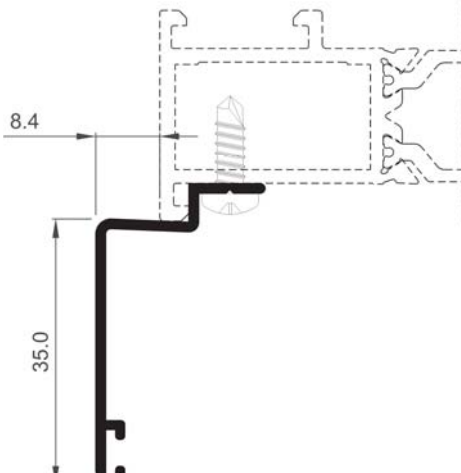
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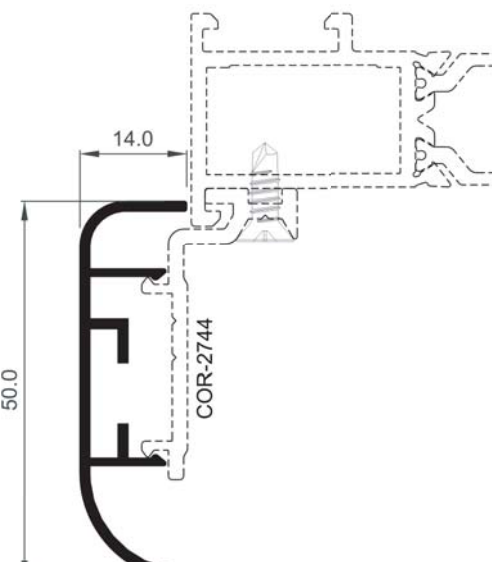
PUERTA MILLENNIUM PLUS

| | | |
|--|---------------------------------------|-----------------|
|  | COR-2837 | |
| | Descripción | Solape de 70 mm |
| | Peso (g/m) | 305,1 |
| | Superficie (dm²/m) | 17,4 |
| | I_x (cm⁴) | 4,74 |
| | I_y (cm⁴) | 0,03 |
| | Escuadra alineamiento | 242831 |
| | Observaciones | Grapa 2842 |
| | | |

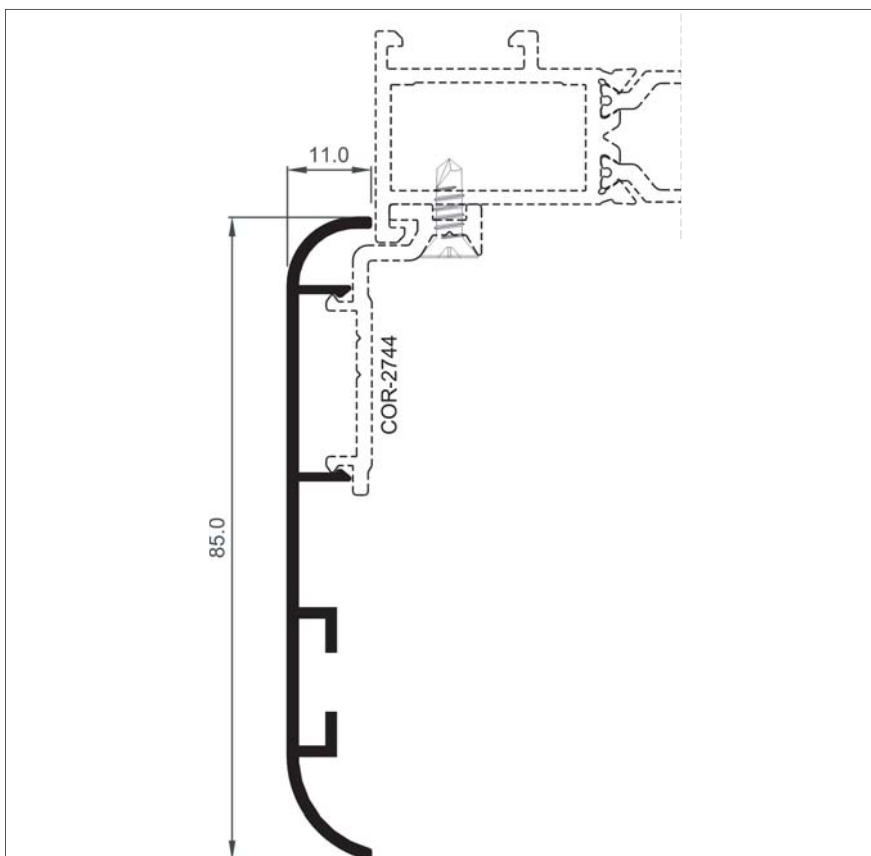
| | | |
|---|---------------------------------------|-----------------------------|
|  | COR-6524 | |
| | Descripción | Solape pequeño |
| | Peso (g/m) | 197,1 |
| | Superficie (dm²/m) | 11,58 |
| | I_x (cm⁴) | 0,66 |
| | I_y (cm⁴) | 0,3 |
| | Escuadra alineamiento | 212007 |
| | Observaciones | Tornillo Ø 3.9 mm DIN7504N. |
| | | |

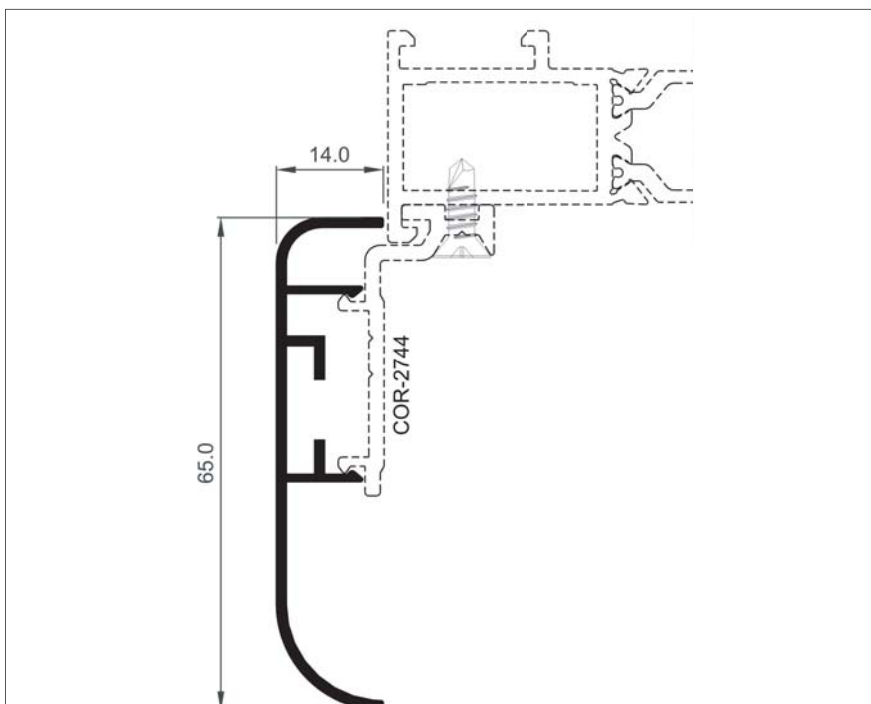
PUERTA MILLENNIUM PLUS

| | | |
|---|---------------------------------------|-----------------------------|
|  | COR-6526 | |
| | Descripción | Solape de 35mm. |
| | Peso (g/m) | 232,2 |
| | Superficie (dm²/m) | 13,58 |
| | I_x (cm⁴) | 1,47 |
| | I_y (cm⁴) | 0,34 |
| | Escuadra alineamiento | 212007 |
| | Observaciones | Tornillo Ø 3.9 mm DIN7504N. |

| | | |
|---|---------------------------------------|------------------|
|  | COR-7026 | |
| | Descripción | Solape de 50 mm |
| | Peso (g/m) | 340,2 |
| | Superficie (dm²/m) | 20,45 |
| | I_x (cm⁴) | 2,99 |
| | I_y (cm⁴) | 0,18 |
| | Escuadra alineamiento | 207004 277004 |
| | Observaciones | Grapa 2744 |

PUERTA MILLENNIUM PLUS

|  | COR-7027 | |
|---|-----------------------------------|-----------------|
| | Descripción | Solape de 85 mm |
| | Peso (g/m) | 464,4 |
| | Superficie (dm ² /m) | 25,82 |
| | I _x (cm ⁴) | 11,36 |
| | I _y (cm ⁴) | 0,12 |
| | Escuadra alineamiento | 207004 |
| | | 277004 |
| | Observaciones | Grapa 2744 |

|  | COR-7029 | |
|--|-----------------------------------|-----------------|
| | Descripción | Solape de 65 mm |
| | Peso (g/m) | 394,2 |
| | Superficie (dm ² /m) | 23,45 |
| | I _x (cm ⁴) | 5,75 |
| | I _y (cm ⁴) | 0,2 |
| | Escuadra alineamiento | 207004 |
| | | 277004 |
| | Observaciones | Grapa 2744 |



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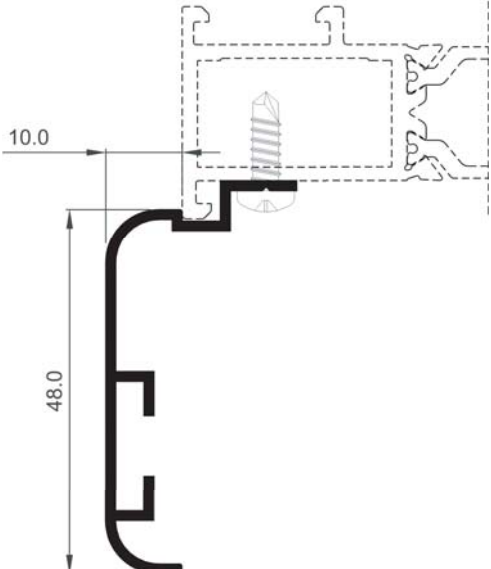
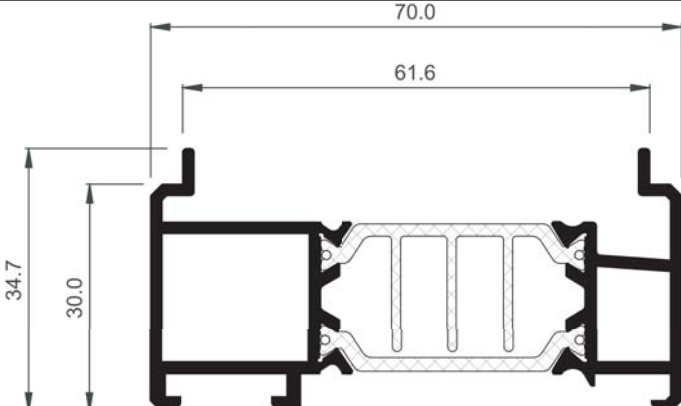
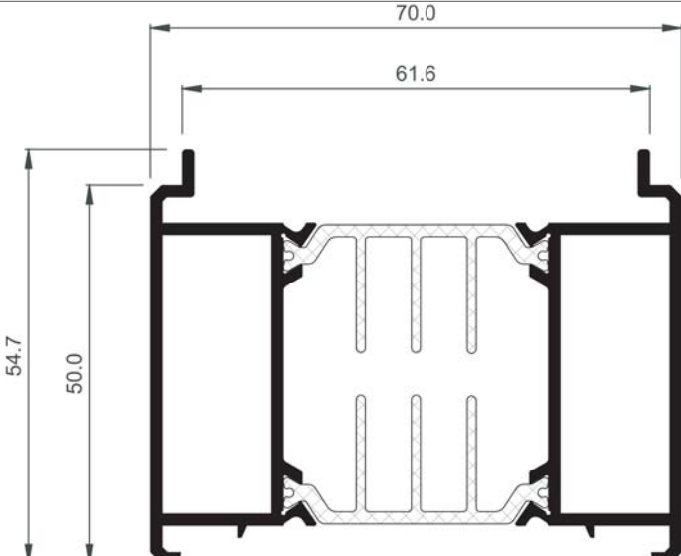


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PUERTA MILLENNIUM PLUS

|  | <table> <tr> <th colspan="2">COR-7030</th></tr> <tr> <td>Descripción</td><td>Solape de 48 mm</td></tr> <tr> <td>Peso (g/m)</td><td>353,7</td></tr> <tr> <td>Superficie (dm²/m)</td><td>20,41</td></tr> <tr> <td>I_x (cm⁴)</td><td>3,83</td></tr> <tr> <td>I_y (cm⁴)</td><td>0,53</td></tr> <tr> <td rowspan="2">Escuadra alineamiento</td><td>207004</td></tr> <tr> <td>277004</td></tr> <tr> <td>Observaciones</td><td>Tornillo Ø 3.9 mm DIN7504N.</td></tr> </table> | COR-7030 | | Descripción | Solape de 48 mm | Peso (g/m) | 353,7 | Superficie (dm ² /m) | 20,41 | I _x (cm ⁴) | 3,83 | I _y (cm ⁴) | 0,53 | Escuadra alineamiento | 207004 | 277004 | Observaciones | Tornillo Ø 3.9 mm DIN7504N. |
|---|---|----------|--|-------------|----------------------------|------------|--------|---------------------------------|-------|-----------------------------------|-------|-----------------------------------|-------|-----------------------|--------|--------|---------------|-----------------------------|
| COR-7030 | | | | | | | | | | | | | | | | | | |
| Descripción | Solape de 48 mm | | | | | | | | | | | | | | | | | |
| Peso (g/m) | 353,7 | | | | | | | | | | | | | | | | | |
| Superficie (dm ² /m) | 20,41 | | | | | | | | | | | | | | | | | |
| I _x (cm ⁴) | 3,83 | | | | | | | | | | | | | | | | | |
| I _y (cm ⁴) | 0,53 | | | | | | | | | | | | | | | | | |
| Escuadra alineamiento | 207004 | | | | | | | | | | | | | | | | | |
| | 277004 | | | | | | | | | | | | | | | | | |
| Observaciones | Tornillo Ø 3.9 mm DIN7504N. | | | | | | | | | | | | | | | | | |
|  | <table> <tr> <th colspan="2">COR-7390</th></tr> <tr> <td>Descripción</td><td>Suplemento oscilo-paralela</td></tr> <tr> <td>Peso (g/m)</td><td>1260,6</td></tr> <tr> <td>Superficie (dm²/m)</td><td>43,3</td></tr> <tr> <td>I_x (cm⁴)</td><td>2,74</td></tr> <tr> <td>I_y (cm⁴)</td><td>23,26</td></tr> </table> | COR-7390 | | Descripción | Suplemento oscilo-paralela | Peso (g/m) | 1260,6 | Superficie (dm ² /m) | 43,3 | I _x (cm ⁴) | 2,74 | I _y (cm ⁴) | 23,26 | | | | | |
| COR-7390 | | | | | | | | | | | | | | | | | | |
| Descripción | Suplemento oscilo-paralela | | | | | | | | | | | | | | | | | |
| Peso (g/m) | 1260,6 | | | | | | | | | | | | | | | | | |
| Superficie (dm ² /m) | 43,3 | | | | | | | | | | | | | | | | | |
| I _x (cm ⁴) | 2,74 | | | | | | | | | | | | | | | | | |
| I _y (cm ⁴) | 23,26 | | | | | | | | | | | | | | | | | |
|  | <table> <tr> <th colspan="2">COR-7391</th></tr> <tr> <td>Descripción</td><td>Suplemento plegable</td></tr> <tr> <td>Peso (g/m)</td><td>1701,2</td></tr> <tr> <td>Superficie (dm²/m)</td><td>58,38</td></tr> <tr> <td>I_x (cm⁴)</td><td>11,69</td></tr> <tr> <td>I_y (cm⁴)</td><td>33,53</td></tr> </table> | COR-7391 | | Descripción | Suplemento plegable | Peso (g/m) | 1701,2 | Superficie (dm ² /m) | 58,38 | I _x (cm ⁴) | 11,69 | I _y (cm ⁴) | 33,53 | | | | | |
| COR-7391 | | | | | | | | | | | | | | | | | | |
| Descripción | Suplemento plegable | | | | | | | | | | | | | | | | | |
| Peso (g/m) | 1701,2 | | | | | | | | | | | | | | | | | |
| Superficie (dm ² /m) | 58,38 | | | | | | | | | | | | | | | | | |
| I _x (cm ⁴) | 11,69 | | | | | | | | | | | | | | | | | |
| I _y (cm ⁴) | 33,53 | | | | | | | | | | | | | | | | | |



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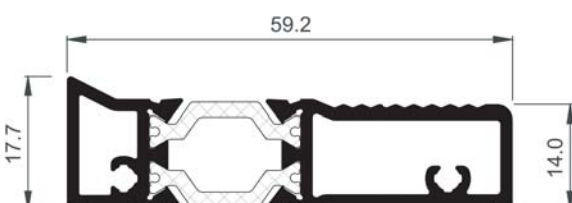
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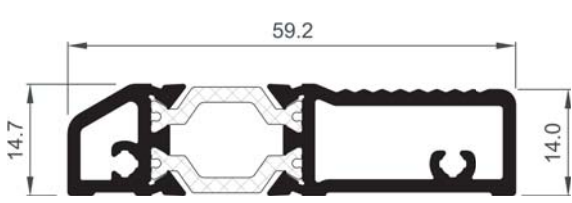


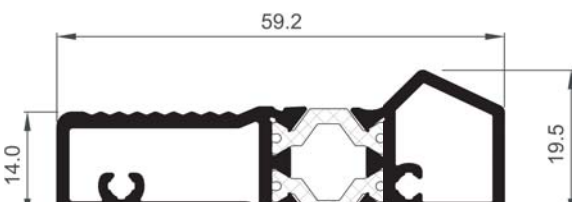
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PUERTA MILLENNIUM PLUS

|  | COR-1701 | |
|---|-----------------------------------|-------------------------|
| | Descripción | Tapa clipaje U refuerzo |
| | Peso (g/m) | 202,5 |
| | Superficie (dm ² /m) | 10 |
| | I _x (cm ⁴) | 0,02 |
| | I _y (cm ⁴) | 1,09 |

|  | COR-7648 | |
|---|-----------------------------------|---------------------------------|
| | Descripción | Umbral puerta apertura exterior |
| | Peso (g/m) | 945,2 |
| | Superficie (dm ² /m) | 33,22 |
| | I _x (cm ⁴) | 0,77 |
| | I _y (cm ⁴) | 10,76 |
| | Fresa | 307695 307696 |
| | Observaciones | Tornillo Ø 3.9 mm DIN7981 |

|  | COR-7660 | |
|---|-----------------------------------|------------------------------|
| | Descripción | Umbral de puerta |
| | Peso (g/m) | 920,9 |
| | Superficie (dm ² /m) | 31,8 |
| | I _x (cm ⁴) | 0,68 |
| | I _y (cm ⁴) | 9,95 |
| | Fresa | 307695 307696 |
| | Tapas | 307660 |
| | Observaciones | Tornillo Ø 3.9 mm DIN7981 |

|  | COR-7664 | |
|---|-----------------------------------|------------------------------|
| | Descripción | Umbral de puerta |
| | Peso (g/m) | 934,9 |
| | Superficie (dm ² /m) | 35,27 |
| | I _x (cm ⁴) | 0,9 |
| | I _y (cm ⁴) | 9,96 |
| | Fresa | 307695 307696 |
| | Observaciones | Tornillo Ø 3.9 mm DIN7981 |



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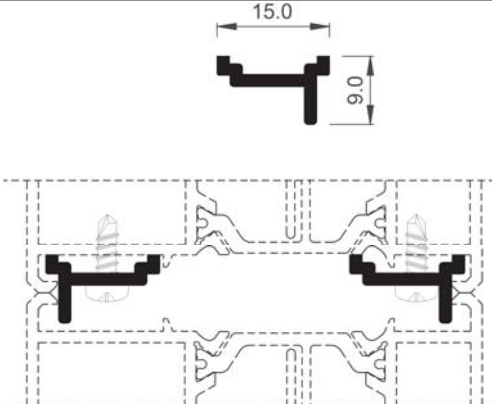


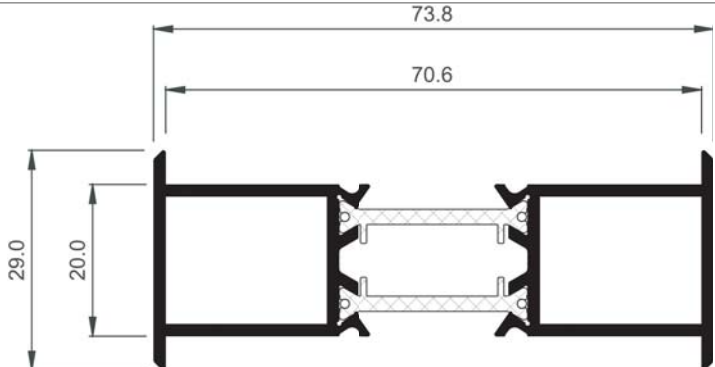
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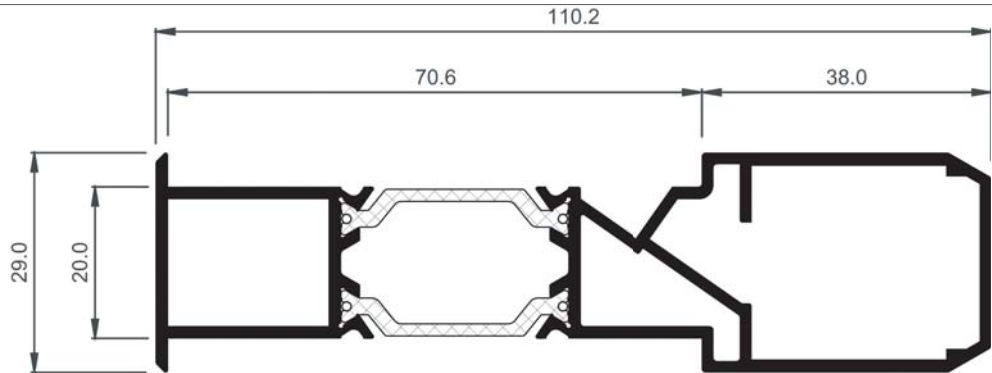


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PUERTA MILLENNIUM PLUS

|  | COR-7251 | |
|---|-----------------------------------|----------------------------------|
| | Descripción | Unión de marcos oculta |
| | Peso (g/m) | 105,3 |
| | Superficie (dm ² /m) | 5,15 |
| | I _x (cm ⁴) | 0,02 |
| | I _y (cm ⁴) | 0,08 |
| | Observaciones | Tornillo Ø 2.9 mm DIN7504N-A2 |

|  | COR-7354 | |
|--|-----------------------------------|-----------------|
| | Descripción | Unión de marcos |
| | Peso (g/m) | 1116,4 |
| | Superficie (dm ² /m) | 42,88 |
| | I _x (cm ⁴) | 2,17 |
| | I _y (cm ⁴) | 22,14 |
| | | |

|  | COR-7355 | |
|--|-----------------------------------|------------------------------|
| | Descripción | Unión de marcos con refuerzo |
| | Peso (g/m) | 1624,6 |
| | Superficie (dm ² /m) | 63,21 |
| | I _x (cm ⁴) | 4,47 |
| | I _y (cm ⁴) | 61,78 |
| | Tapas | 257201 |



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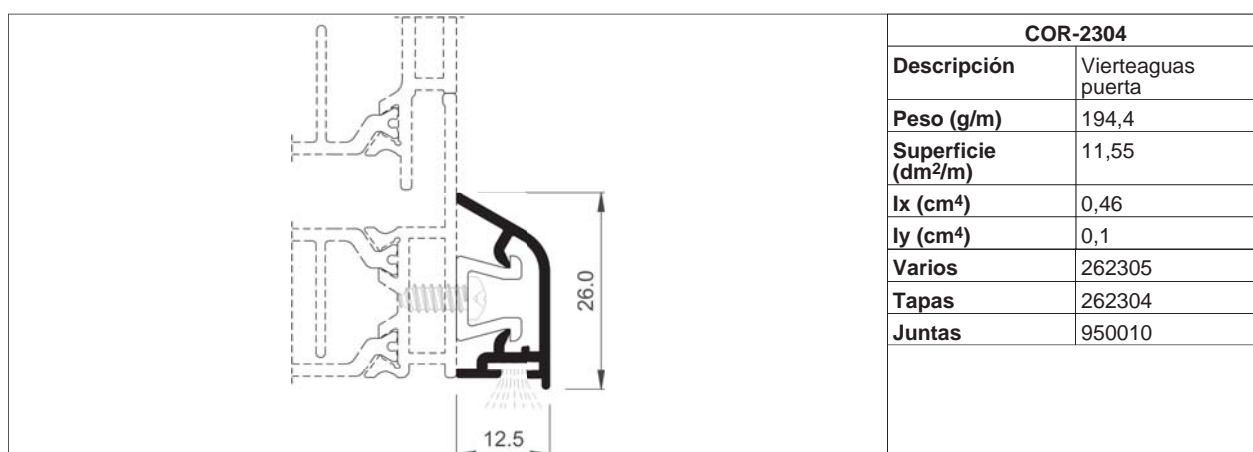
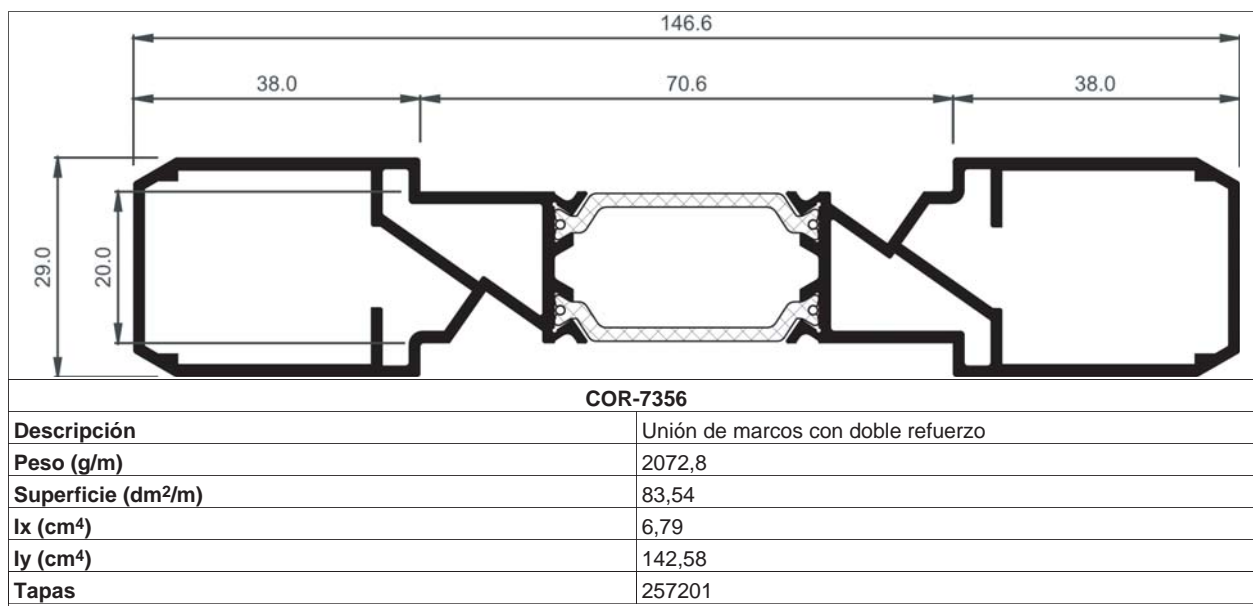


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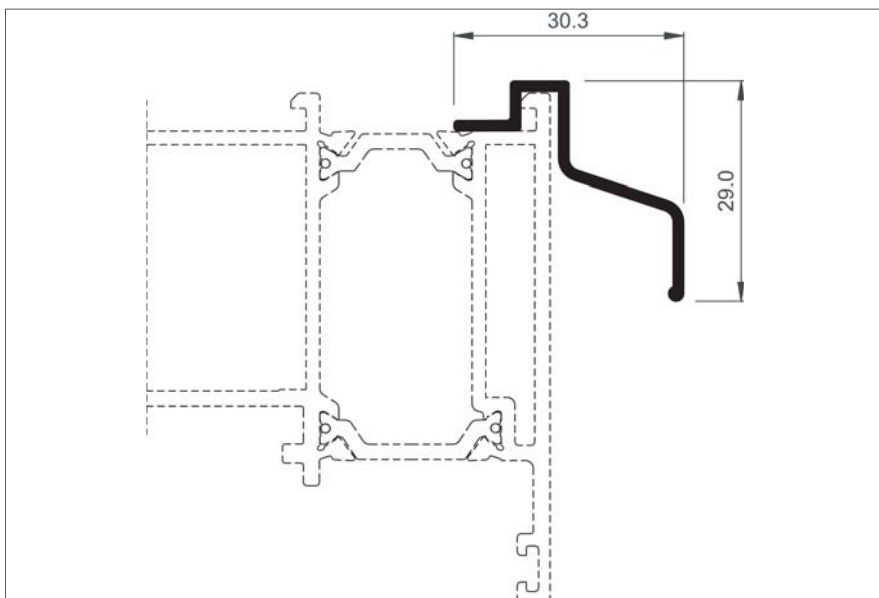


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PUERTA MILLENNIUM PLUS



PUERTA MILLENNIUM PLUS

|  | COR-7010 | |
|--|-----------------------------------|------------------------------------|
| | Descripción | Viertaguas superior |
| | Peso (g/m) | 221,4 |
| | Superficie (dm ² /m) | 11,76 |
| | I _x (cm ⁴) | 0,53 |
| | I _y (cm ⁴) | 0,65 |
| | Observaciones | Tornillo rch Ø 2.9 mm DIN 7504N-A2 |



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ALUMÍNIOS IBÉRICA, S.A.

Sede e Fábrica: Rua do Parque Industrial, nº 126
4720-5 Lago Amares

Telefs. 253 310 250 — 253 310 251 **Fax:** 253 311 830

Email: aluminiosiberica@mail.telepac.pt

Filiais:

Rua da Mina, 562 - 4405-234 Canelas - V.N.Gaia
Telefs: 227 929 539 **Fax:** 227 629 514
Zona Industrial de Constantim, Lote 53
5000-082 Constantim - Vila Real
Telefs: 259 331 778 **Fax:** 259 338 552



ALUMÍNIOS DE VISEU, L.D.A.

Armazém: Est. do Campo de Aviação - CAMPO
3510-824 VISEU
Telefs. 232 459 138—232 459 741
Fax: 232 450 140
E-mail: geral@alviz.pt



P.A.L.A. - MIGUEL & REIS, LDA.

Ilhavo

Sede: Zona industrial da Moita, Rua 7 lote 21—A
Gafanha da Encarnação — Apartado 523

3834-909 Ilhavo

Telefs: 234 329 120 — **Fax:** 234 329 121

E-mail: pala.aluminio@sapo.pt

Leiria

Armazéns: Canhestro—Pousas 2410-235 LEIRIA

Telefs: 244 801 593 **Fax:** 244 855 702

E-mail: pala.leiria@sapo.pt

Algarve

Zona Industrial de Vilamoura

Lote 28—Apartado 841, 8126-910 Quarteira

Telefs: 289 322 748 — **Fax:** 289 301 928

E-mail: pala.loule@sapo.pt



ANGULAR - Aluminios, Lda

Armazém: Av.Almirante Gago Coutinho
Portela de Sintra—Apartado 212

2711-901 SINTRA

Telefs. 219 244 074—219 244 101

Fax: 219 241 015