ALUGOM

Serie

# alg 83 PASSIVE HOUSE

## Especificaciones Técnicas

Carpintería practicable con Rotura de Puente Térmico
Cámara Europea
Junta abierta con Junta Central
Sección de Marco..... 83 mm
Sección de Hoja..... 90 mm
Acristalamiento Hoja.....19 - 61 mm
Acristalamiento Cerco.....19 - 61 mm
Incluyen Juntas Acristalar
junquillos de altura 22 mm
Peso Máximo por : Hoja Practicable: **100 kg**(1)
Hoja Oscilo Batiente: **140 kg**(1)

Medidas Máximas por Hoja para todas las aperturas :
1500 mm x 2500 mm(1)

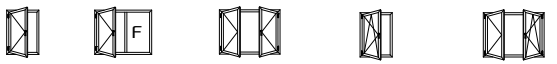
(1) Consultar rangos de aplicación con nuestro Departamento Técnico Comercial

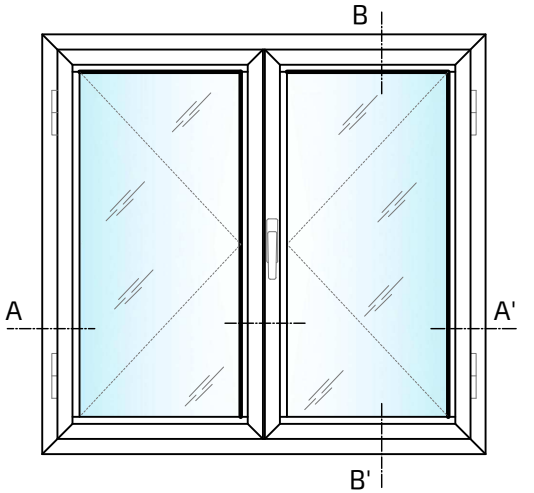
## Clasificación Obtenida

| | | |
|---|---|---|
| Permeabilidad al aire* | CLASE | **4** |
| Estanqueidad al agua* | CLASE | **E2700** |
| Resistencia al viento* | CLASE | **C5** |
| Transmitancia térmica** **Uw** | | **0.8** W/m² K |
| Transmitancia térmica **Uf** (Nudo lateral)^ | | **1.0** W/m² K |
| Aislamiento Acústico*** | | **46** (-1;-4) dB |

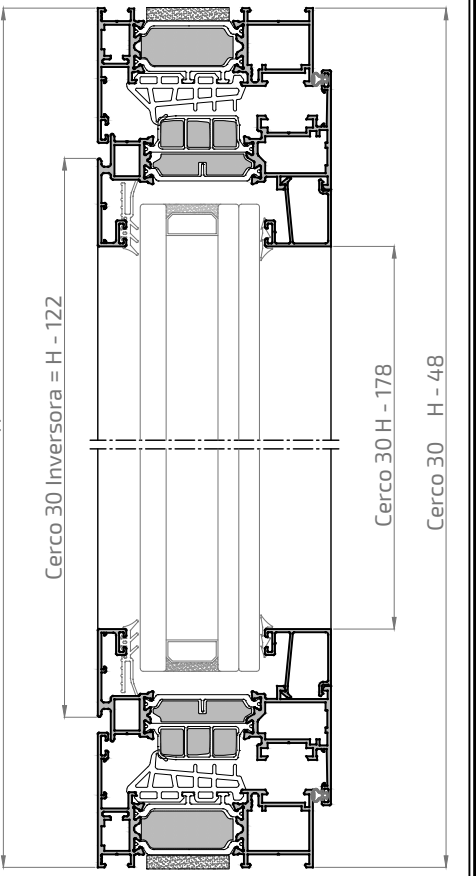
* Ventana de 2 hojas de 1230 x 1480 mm
** Ventana de 2 hojas de 1600 x 2335 mm; vidrio Ug: 0,5 W/m² K - UNE-EN ISO 10077-1:2010
*** Ventana de 2 hojas de 1230 x 1480 mm; vidrio 4/18/5/18/4 - UNE-EN ISO 10140-2:2011
^ Según normativa UNE-EN ISO 10077-2:2020

## Posibilidades de Apertura

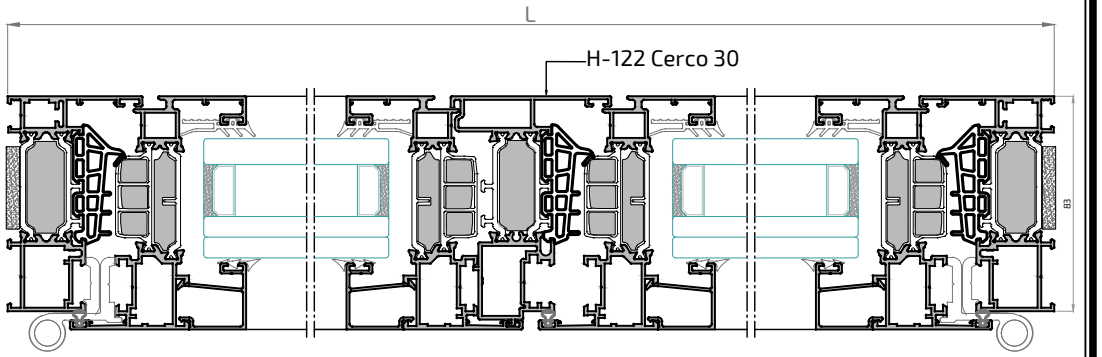



MEDIDA MÍNIMA POR HOJA = 450 mm




Sección B-B'



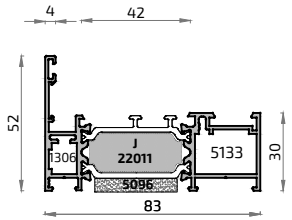

Sección A-A'

Los ensayos de las ventanas realizados por ALUGOM, que son cedidos para la obtención del marcado CE por parte del cliente, se han realizado con los perfiles y accesorios específicos y concretos propuestos por ALUGOM que figuran en los manuales de fabricación de cada serie. Para más información consultar con el departamento técnico de ALUGOM.

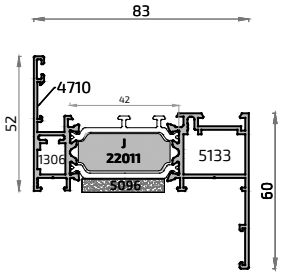
# alg 83 PASSIVE HOUSE

ALUGOM

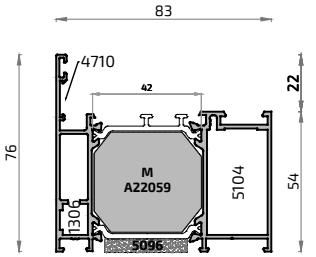
## 20409P
Cerco alg 83



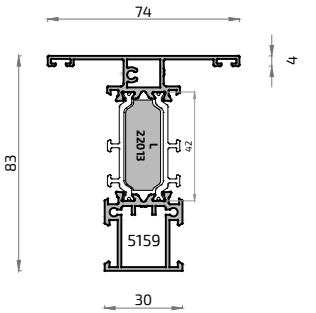

## 20519P NO STOCK
Cerco con Solape alg 83



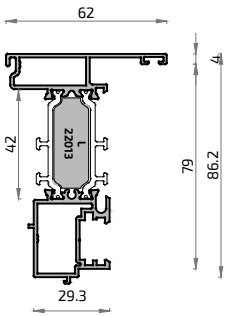

## 20522P
Cerco Balconera alg 83



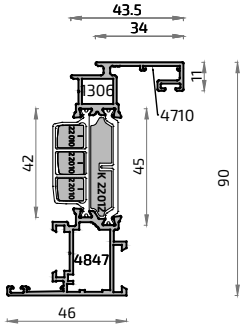

## 20521P
Pilastra Ventana alg 83



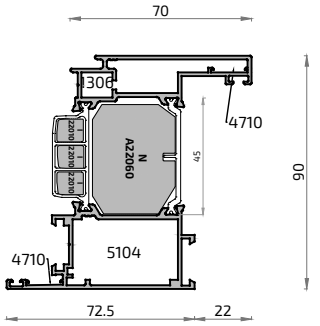

## 20238P
Inversor alg 83



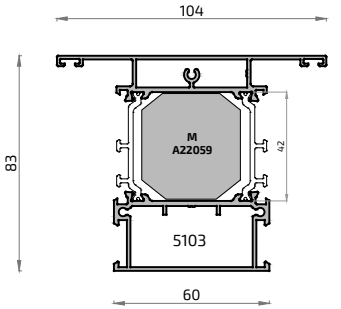

## 20237P
Hoja alg 83



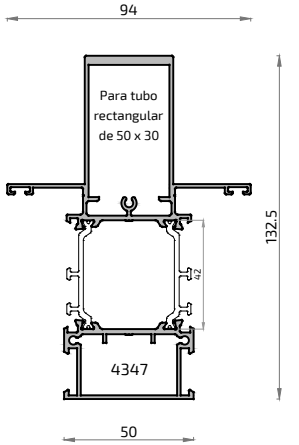

## 20523P
Hoja Balconera alg 83



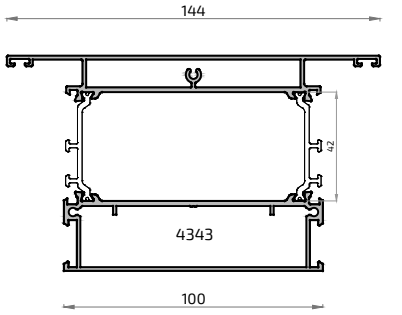

## 20525P
Pilastra Ancha 60 alg 83



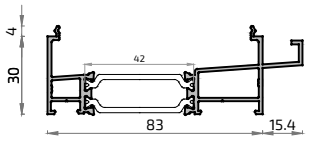

## 20526P NO STOCK
Pilastra Ancha Tubular alg 83



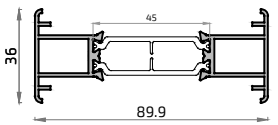

## 20527P
Zócalo Manguetón alg 83



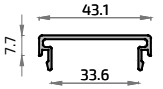

## 20528P
Perfil Condensación alg 83



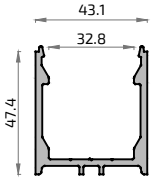

## 20529P
Unión de Cercos



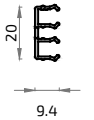

## 629 6807
Tapa Refuerzo Postizo para Pilastras




## 628 6806
Refuerzo Postizo Pilastra




## 20075
Unión Cercos alg




## 20093
Junta de Cercos



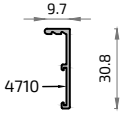

## 8412
Pletina Falleba



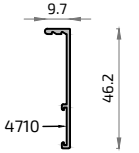

## 8428
Vierteaguas



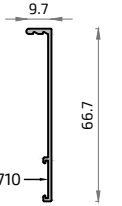

## 16321
Solapa Clip 30 mm




## 16322
Solapa Clip 45 mm




## 16323
Solapa Clip 65 mm




**NO STOCK** **FUERA DE STOCK** Consultar plazo y condiciones de entrega

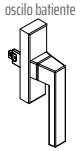
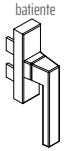
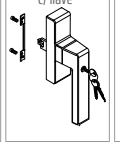
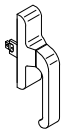
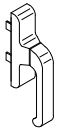
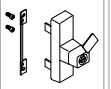
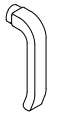
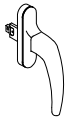
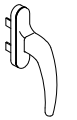
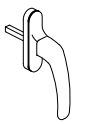
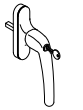


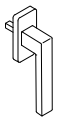
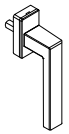
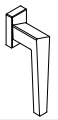
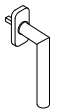
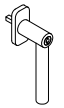
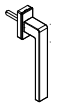
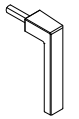
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# alg 83 PASSIVE HOUSE

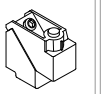
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## Cremonas y Manillas

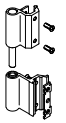
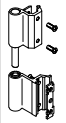
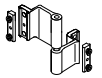
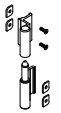
| 5590 | 5600 | A22001 | 4019 | 4024 | 4704 | 4705 | 5475 | 5497 | 4725 | 4792 | 4723 | 4761 | 5022 | 4190 | 5183 | 5398 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cremona KORA oscilo batiente | Cremona KORA batiente | Cremona KORA c/ llave | Cremona EURO osc/bat. | Cremona EURO batiente | Cremona EURO desmont. | Cremona EURO extraible | Cremona ASIA osc/bat. | Cremona ASIA batiente | Cremona PRIMA osc/bat. | Cremona PRIMA osc/bat. c/ llave | Cremona PRIMA pract. | Cremona PRIMA c/ llave | Cremona PRIMA industrial | Manilla BÁSICA C/7 | Manilla BÁSICA C/7 c/llave | Manilla ATLANTA C/7 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

| 5389 | 5191 | 5583 | 5584 | 5079 | 5080 | 5147 | 5143 | 5144 | 5535 | 5533 | 5532 | 5586 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Manilla TOULON C/7 | Manilla KORA C/7 | Manilla WONDER C/7 derecha | Manilla WONDER C/7 izquierda | Manilla PREMIUN | Manilla PREMIUN c/llave | Manilla NP Ultra Alugom | Manilla NP Ultra cuadrada | Manilla NP Ultra redonda | Manilla NP Redonda con Llave | Manilla NP redonda C/7 | Manilla KORA 175 C/8 | Manilla KORA C/7 NP |
|  |  |  |  |  |  |  |  |  |  |  |  |  |

## Escuadras

| 4847 | 5104 | 4710 |
|---|---|---|
| Escuadra cerco/hoja | Escuadra cerco balconera | Escuadra alineam. 14 mm. |
|  |  |  |

## Bisagras

| 4724 | 4727 | 4728 | 4768 | 4769 | 4352 | 4744 | 4316 |
|---|---|---|---|---|---|---|---|
| Bisagra osc/bat. simét 2ª hoja | Bisagra Flash der. | Bisagra Flash izq. | *Bisagra 3ª hoja* | Bisagra extremo "jirafa" | Bisagra ventana 3 hojas | Bisagra puerta 24,5 mm. izd. | Bisagra apertura externa |
|  |  |  |  |  |  |  |  |

## Mecanismo de apertura

| 5081 | 4613 | 5153 | 5527 | 5154 | 5145 |
|---|---|---|---|---|---|
| Mecanismo cuadrad. unidirec. osc/bat. | Mec. Cuadrad. bidirec. pract. | Mecanismo cuadrad.ap. externa unidirec. 33.5 | Mecanismo cuadrad. ap. externa bidirec. 29 | Cuadrad. 7 x 80 mm. | Mecanismo pract. NP |
|  |  |  |  |  |  |

## Varios

| 5122 |
|---|
| Pieza soporte clip plano |
|  |

| 5121 | 5120 | 4008 | 4012 | 4078 | 5425 | 5178 | 4971 | A23178 | 5246 |
|---|---|---|---|---|---|---|---|---|---|
| Pieza soporte clip exterior | Pieza soporte clip interior | Patín apoyo hoja | Clip guía | Pieza sujección junquillo curvo | Escuadra junquillos curvos | *Solera 70 mm* | Cepillo Fin Seal 7 x 15 mm. | Motor VARIA SLIM CADENA | Bombillo ASIX 30/80 |
|  |  |  |  |  |  |  |  |  |  |

## Elementos de Cierre

| 4720 | 4004 | 4842 | 4005 | 4848 | 4025 | 4739 |
|---|---|---|---|---|---|---|
| Cerradero lateral doble pletina Zamak | Cerradero lateral doble pletina nylon | Cerradero sup. regulable osc/bat. | Cerradero lateral pletina nylon | Microvent. pract. | Kit cremona | Terminal pletina metálico |
|  |  |  |  |  |  |  |

| 4003 | 4380 | 4714 | 4731 | 4860 | 4002 | 4007 | 5002 | 5026 | 4366 |
|---|---|---|---|---|---|---|---|---|---|
| Terminal de pletina cremona | Kit cremona Euro 2 hojas (s/cremona) | Kit cremona Euro 1 hoja (s/cremona) | Pasador Inca 2ªH Canal 18 | Pasador bidirec. Palanca | Pasador oculto long. variable | Cierre complem. cremona | Cerradero complement. | Bulón regulable | Cierre bisagra oculta |
|  |  4004 (2 uds.) 4002 (2 uds.) 4003 (2 uds.) 4025 4008 |  4003 (2 uds.) 4005 (2 uds.) 4025 |  |  |  |  |  |  |  |

| 4846 | 5450 | 4010 | 4085 | 4011 | 4754 | 5040 | 4840 |
|---|---|---|---|---|---|---|---|
| Tercer punto de cierre | Tercer punto de cierre CHIC | Bisagra compás corto ralentí | Bisagra compás largo ralentí | Bisagra compás regul. proyect. | Retenedor de hoja | Limitador apertura | Kit pasador hoja pasiva metál. (sup. e inf.) |
|  |  |  |  |  |  |  |  |

# alg 83 PASSIVE HOUSE

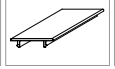
ALUGOM

## Tapas

**A22008** Tapa inversora alg83 PASS



**4994** Tapa rígida canal



**4337** Embellecedor salida aguas con membrana

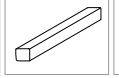


**4035** Embellec. salida aguas

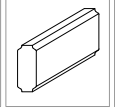


## Termo Perfiles HQ

**A22010** [I] 8 x 10



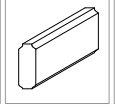
**A22011** [J] 36 x 14.5



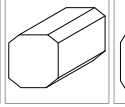
**A22012** [K] 38 x 8



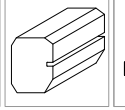
**A22013** [L] 35 x 13



**A22059** [M] 38 x 41



**A22060** [N] 42.5 x 32



**5089** Banda Aislante vidrio 6 x 27



**5051** Banda Aislante vidrio 9 x 40



**5096** Banda aislante vidrio 5 x 36



## Tacos

**5159** Taco pilastra 30

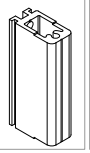


**4347** Taco pilastra 50



## Juntas

**4343** Taco manguetón



**5103** Taco pilastra 60



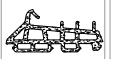
**5529** Junta perimetral espuma



**5488** Junta paso inferior



**A22006** Junta central C. ALG83



**A22007** Ángulo vulcanizado alg 83 PASS



**5105** Ángulo vulcanizado junta central



**5194** Junta interior acristalamiento de 2 mm



**1337** Junta interior acristalamiento de 3 mm



**1338** Junta interior acristalamiento de 4 mm



**4089** Junta interior acristalamiento de 5 a 6 mm



**4091** Junta interior acristalamiento de 7 a 8 mm



**5261** Junta interior acristalamiento de 9 a 10 mm



**4850** Junta ext. acrist. alas



**4057** Junta exterior acristalamiento



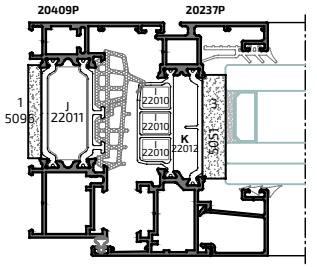
**A23019** Junta acristalamiento



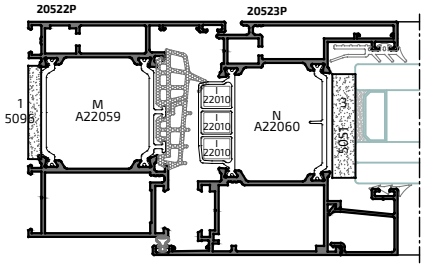
**5155** Adhesivo Poliuretano

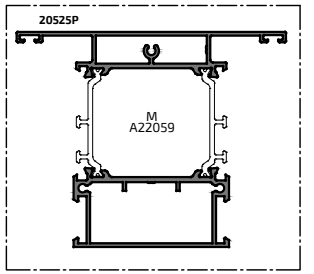


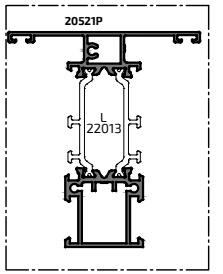
Accesorios sistema HQ - VENTANA




Accesorios sistema HQ - BALCONERA




### Útiles

**5112** Útil sistema alg
**5015** Plantilla escuadra exterior
**4729** Bobina pletina poliamida
**A23008** Fresa pilastra cerco alg83 PH
**A23009** Fresa cerco y hoja alg83 PH

### Varios

Ver ampliado en página según índice:

- Accesorios Oscilo batiente
- Kit Oscilo batiente
- Herraje oculto
- Kit Oscilo Paralela

Cerraduras en apartado 7.9

# Tabla de Acristalamiento

ALUGOM

## alg 83 PASSIVE HOUSE

ALTURA JUNQUILLO = **22** mm

| PERFILES | 44.5 mm | 38.5 mm | 35.5 mm | 31.5 mm | 28.5 mm | 25.5 mm | 21.5 mm | 18.5 mm | 14.5 mm | 10.5 mm |
|---|---|---|---|---|---|---|---|---|---|---|
| CERCOS: 20409P ; 20519P 20522P | 8882 | 8611 | 8821 | 8613 | 8614 | 8612 | | 8883 | 8884 | |
| HOJAS: 20237P ; 20523P | 8622 | | 8822 | 8896 | | 8886 | | 8887 | 8823 | |
| PILASTRAS: 20521P 20525P ; 20526P | | 8627 | 8820 | 8626 | 8625 | 8624 | 16866 | 16343 | 8825 | 8827 |

| Juntas Exteriores | |
|---|---|
| A23019 | 3 |
| 4057 | 4 |
| 4850 | 4 |

Juntas INTERIORES de acristalamiento

| 5194 | 1337 | 1338 | 4089 | 4091 | 5261 |
|---|---|---|---|---|---|
| 2 | 3 | 4 | 5 - 6 | 7 - 8 | 9-10 |
| de 2 mm | de 3 mm | de 4 mm | de 5 a 6 mm | de 7 a 8 mm | de 9 a 10 mm |

| | 44.5 mm | 38.5 mm | 35.5 mm | 31.5 mm | 28.5 mm | 25.5 mm | 21.5 mm | 18.5 mm | 14.5 mm | 10.5 mm | Juntas Exteriores | 5194 | 1337 | 1338 | 4089 | 4091 | 5261 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| VIDRIO DE **27** mm | ● | | | | | | | | | | ● | | | ● | | | |
| VIDRIO DE **28** mm | | ● | | | | | | | | | ● | | ● | | | | |
| VIDRIO DE **29** mm | | ● | | | | | | | | | ● | | | | | ● | |
| VIDRIO DE **30** mm | | ● | | | | | | | | | ● | | | | | ● | |
| VIDRIO DE **31** mm | | ● | | | | | | | | | ● | | | | ● | | |
| VIDRIO DE **32** mm | | ● | | | | | | | | | ● | | | | ● | | |
| VIDRIO DE **33** mm | | ● | | | | | | | | | ● | | | ● | | | |
| VIDRIO DE **34** mm | | ● | | | | | | | | | ● | | ● | | | | |
| VIDRIO DE **35** mm | | | ● | | | | | | | | ● | | | | ● | | |
| VIDRIO DE **36** mm | | | ● | | | | | | | | ● | | | ● | | | |
| VIDRIO DE **37** mm | | | ● | | | | | | | | ● | | ● | | | | |
| VIDRIO DE **38** mm | | | | ● | | | | | | | ● | | | | ● | | |
| VIDRIO DE **39** mm | | | | ● | | | | | | | ● | | | | ● | | |
| VIDRIO DE **40** mm | | | | ● | | | | | | | ● | | | ● | | | |
| VIDRIO DE **41** mm | | | | ● | | | | | | | ● | | ● | | | | |
| VIDRIO DE **42** mm | | | | | ● | | | | | | ● | | | | ● | | |
| VIDRIO DE **43** mm | | | | | ● | | | | | | ● | | | ● | | | |
| VIDRIO DE **44** mm | | | | | ● | | | | | | ● | | ● | | | | |
| VIDRIO DE **45** mm | | | | | | ● | | | | | ● | | | | ● | | |
| VIDRIO DE **46** mm | | | | | | ● | | | | | ● | | | ● | | | |
| VIDRIO DE **47** mm | | | | | | ● | | | | | ● | | ● | | | | |
| VIDRIO DE **48** mm | | | | | | | ● | | | | ● | | | | ● | | |
| VIDRIO DE **49** mm | | | | | | | ● | | | | ● | | | | ● | | |
| VIDRIO DE **50** mm | | | | | | | ● | | | | ● | | | ● | | | |
| VIDRIO DE **51** mm | | | | | | | ● | | | | ● | | ● | | | | |
| VIDRIO DE **52** mm | | | | | | | | ● | | | ● | | | | ● | | |
| VIDRIO DE **53** mm | | | | | | | | ● | | | ● | | | ● | | | |
| VIDRIO DE **54** mm | | | | | | | | ● | | | ● | | ● | | | | |
| VIDRIO DE **55** mm | | | | | | | | | ● | | ● | | | | ● | | |
| VIDRIO DE **56** mm | | | | | | | | | ● | | ● | | | | ● | | |
| VIDRIO DE **57** mm | | | | | | | | | ● | | ● | | | ● | | | |
| VIDRIO DE **58** mm | | | | | | | | | ● | | ● | | ● | | | | |
| VIDRIO DE **59** mm | | | | | | | | | | ● | ● | | | | ● | | |
| VIDRIO DE **60** mm | | | | | | | | | | ● | ● | | | | ● | | |
| VIDRIO DE **61** mm | | | | | | | | | | ● | ● | | | ● | | | |

La Tabla superior de cálculo del espesor de vidrio para esta serie se ha estudiado con junta interior y exterior de acristalamiento. Si se quisiera acristalar con silicona por la parte interior, se podría ganar algo de medida.