



**panel  
aluacero<sup>®</sup>**  
Acero

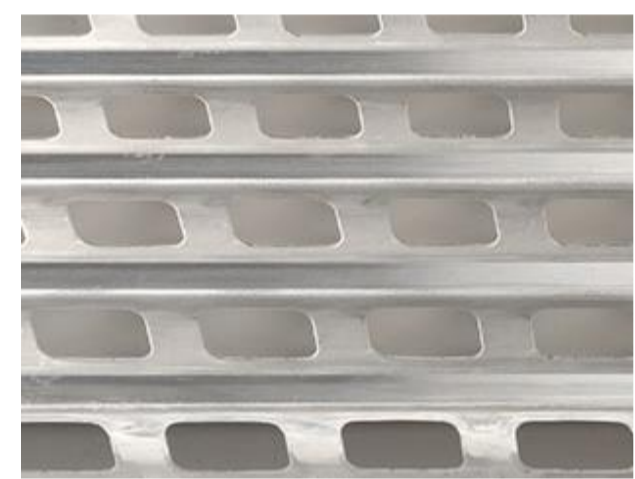
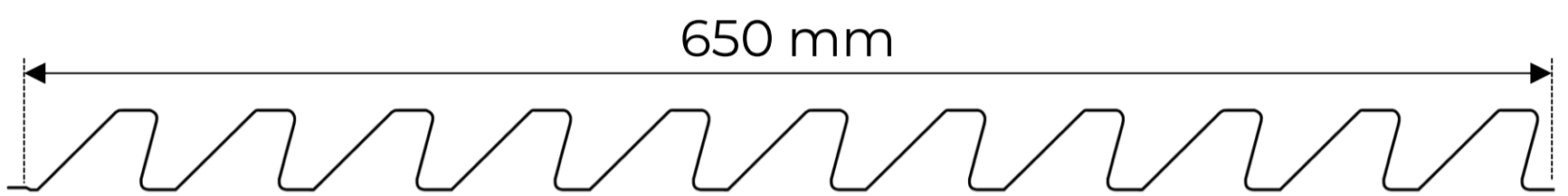
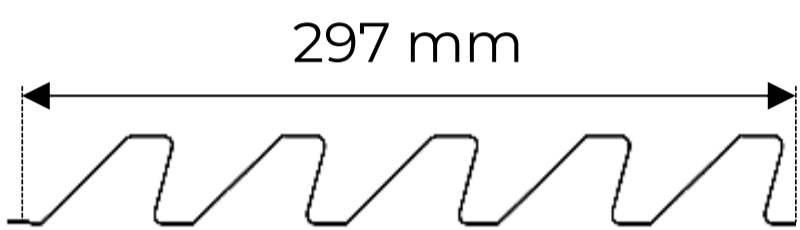
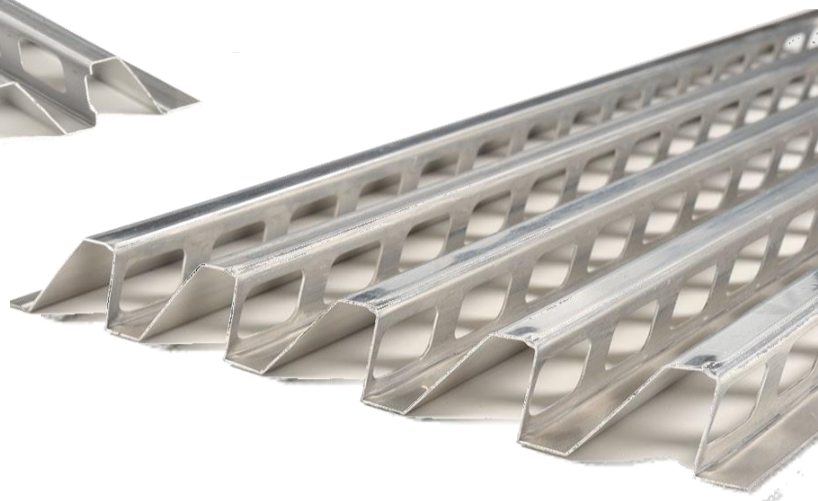


**Cierres  
del Hogar**

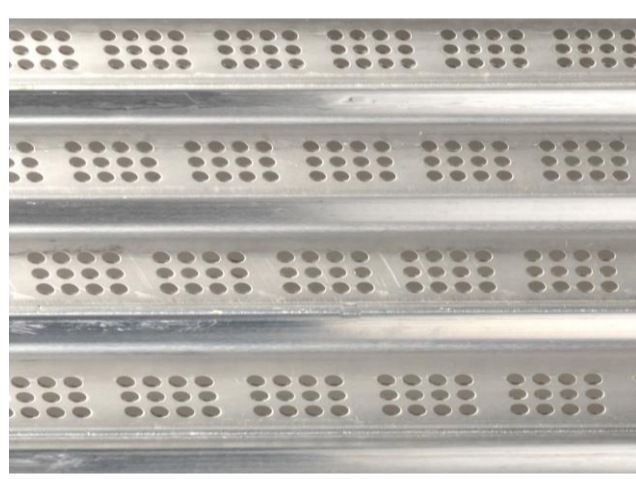
**11 LAMAS**



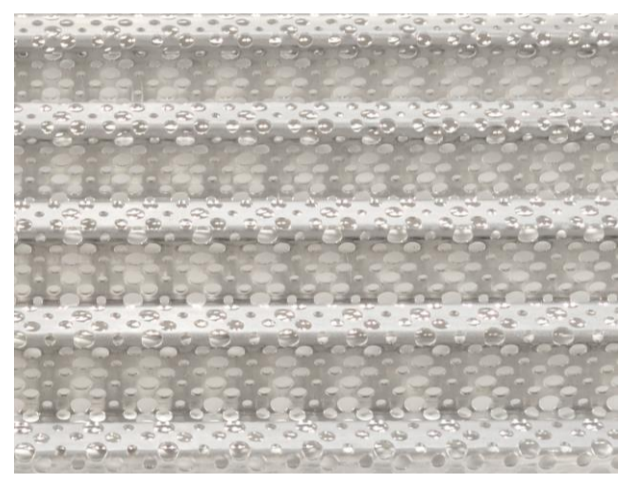
**5 LAMAS**



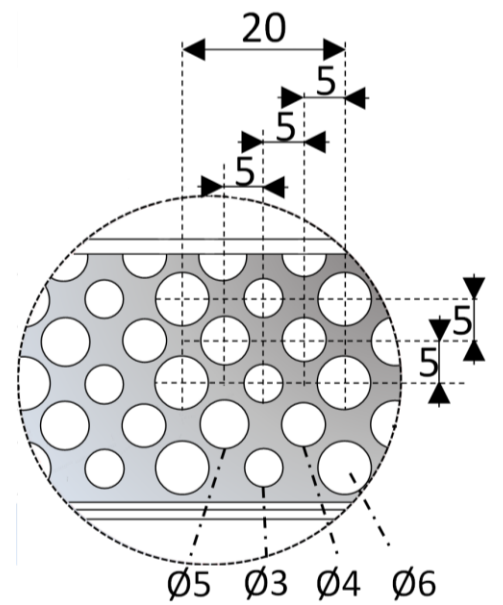
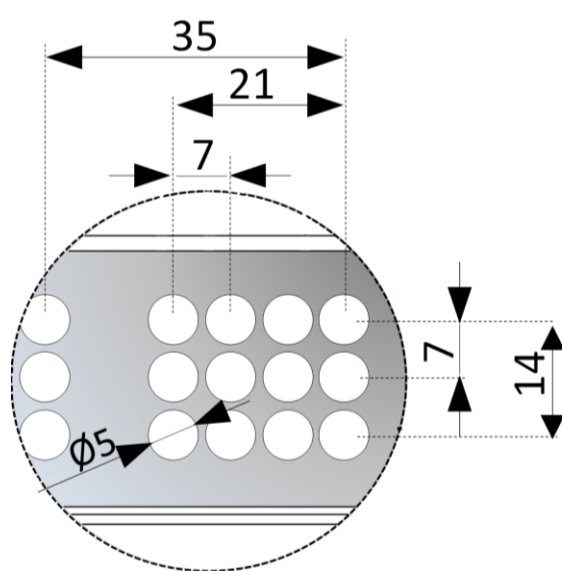
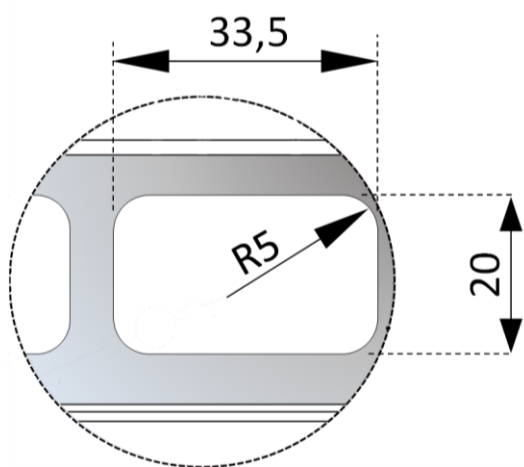
**Ventanas**



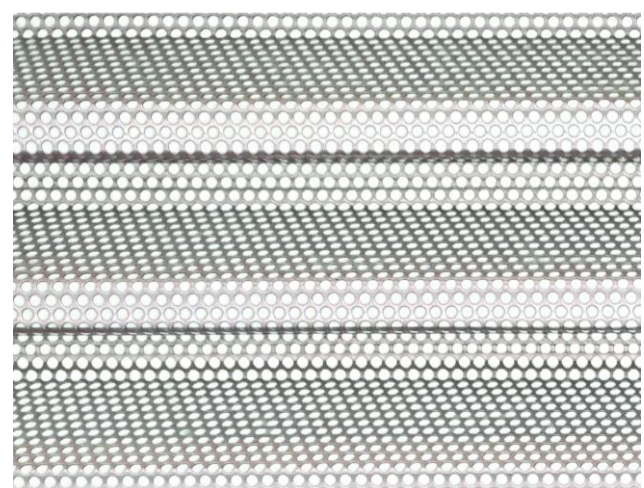
**Microperforado**



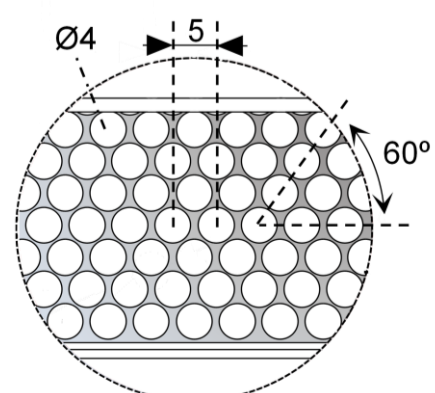
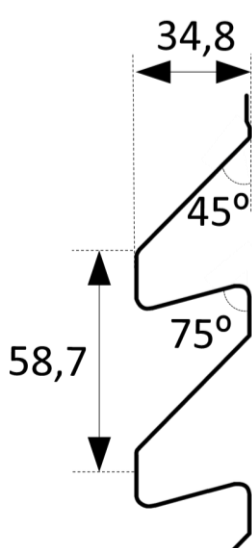
**Multiperforado**



**Ciego**



**Eolo**





## Geometría

|                 | Modelo         | Espesor (mm) | Peso (Kg/m) | Peso (Kg/m <sup>2</sup> ) | Superf. perforada |
|-----------------|----------------|--------------|-------------|---------------------------|-------------------|
| <b>11 LAMAS</b> | Ventanas       | 0,6          | 4,85        | 7,46                      | 22%               |
|                 | Microperforado | 0,6          | 5,42        | 8,34                      | 11%               |
|                 | Multiperforado | 0,6          | 4,00        | 6,15                      | 32%               |
|                 | Ciego          | 0,6          | 5,89        | 9,06                      | NO                |
|                 | Eolo           | 0,6          | 2,50        | 3,85                      | 58%               |
| <b>5 LAMAS</b>  | Ventanas       | 0,6          | 2,24        | 7,54                      | 22%               |
|                 | Microperforado | 0,6          | 2,51        | 8,45                      | 11%               |
|                 | Multiperforado | 0,6          | 1,86        | 6,26                      | 32%               |
|                 | Ciego          | 0,6          | 2,73        | 9,19                      | NO                |

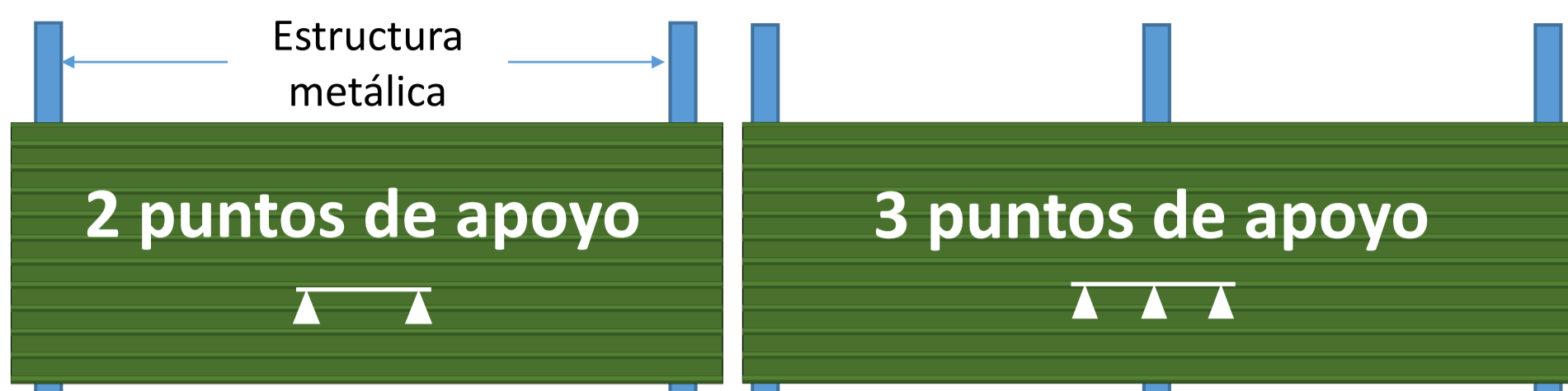
## Acabados

|                 | Modelo         | Acabados                       |
|-----------------|----------------|--------------------------------|
| <b>11 LAMAS</b> | Ventanas       | Galvanizado - Lam. frío        |
|                 | Microperforado | Galvanizado - Lam. frío        |
|                 | Multiperforado | Galvanizado - Corten           |
|                 | Ciego          | Galvanizado - Laminado en frío |
|                 | Eolo           | Galvanizado                    |
| <b>5 LAMAS</b>  | Ventanas       | Galvanizado - Laminado en frío |
|                 | Microperforado | Galvanizado - Laminado en frío |
|                 | Multiperforado | Galvanizado                    |
|                 | Ciego          | Galvanizado - Laminado en frío |

## Características de los Materiales

| Tipo               | Acabado                          | Min. Re (Mpa) | Normas   |
|--------------------|----------------------------------|---------------|----------|
| <b>Grado CA240</b> | Laminado en frío                 | 240 MPa       | EN 10130 |
| <b>S250GD</b>      | Galvanizado (mínimo Z275 - 20µm) | 250 Mpa       | EN 10346 |

## Fijación a la estructura base metálica



## Resistencia a la presión del viento – Carga máxima (daN/m<sup>2</sup>) (1 daN/m<sup>2</sup> = 0,98 kp/m<sup>2</sup>)

| Vano (m) | CIEGO |       | VENTANAS |       | MICROPERF. |       |
|----------|-------|-------|----------|-------|------------|-------|
|          | ▲ — ▲ | ▲ ▲ ▲ | ▲ — ▲    | ▲ ▲ ▲ | ▲ — ▲      | ▲ ▲ ▲ |
| 1        | 400   | 400   | 400      | 400   | 400        | 400   |
| 1,25     | 400   | 400   | 400      | 400   | 400        | 400   |
| 1,5      | 360   | 400   | 400      | 400   | 390        | 400   |
| 1,75     | 225   | 245   | 280      | 400   | 245        | 360   |
| 2        | 150   | 260   | 185      | 315   | 160        | 275   |
| 2,25     | 105   | 205   | 130      | 250   | 115        | 210   |
| 2,5      | 75    | 160   | 95       | 200   | 80         | 170   |
| 2,75     | 55    | 135   | 70       | 160   | 60         | 140   |
| 3        | 45    | 110   | 55       | 130   | 45         | 115   |

| Vano (m) | MULTIPERF. |       | EOLO  |       |
|----------|------------|-------|-------|-------|
|          | ▲ — ▲      | ▲ ▲ ▲ | ▲ — ▲ | ▲ ▲ ▲ |
| 1        | 400        | 400   | 320   | 400   |
| 1,25     | 400        | 400   | 250   | 360   |
| 1,5      | 325        | 400   | 190   | 305   |
| 1,75     | 200        | 315   | 150   | 260   |
| 2        | 135        | 230   | 100   | 215   |
| 2,25     | 95         | 190   | 85    | 175   |
| 2,5      | 70         | 150   | 65    | 140   |
| 2,75     | 50         | 120   | -     | 110   |
| 3        | 40         | 95    | -     | 90    |

NOTA: Considerando un límite elástico mínimo según la norma EN 10346 y EN 10130 del material (235MPa)





panel  
**aluacero**<sup>®</sup>  
Aluminio

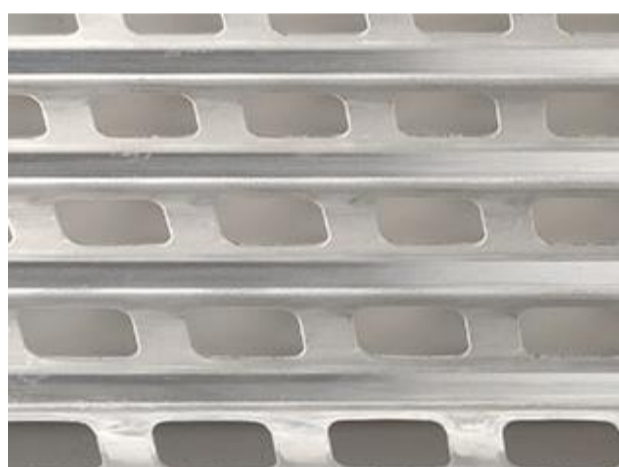
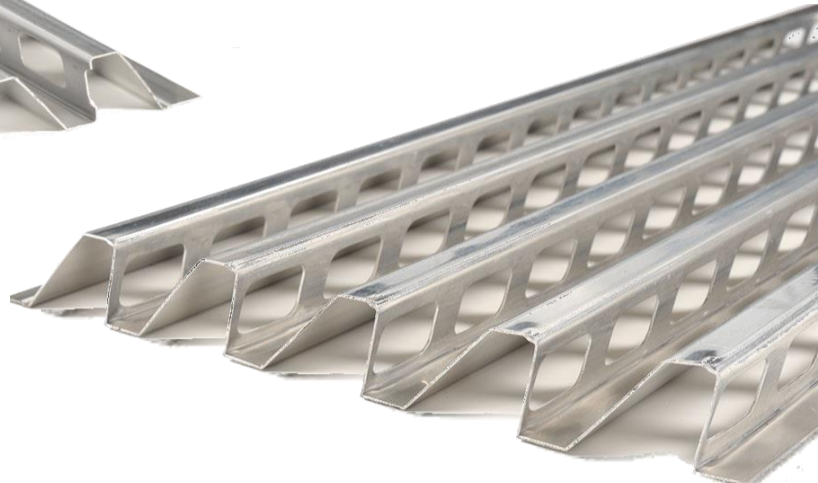


**Cierres  
del Hogar**

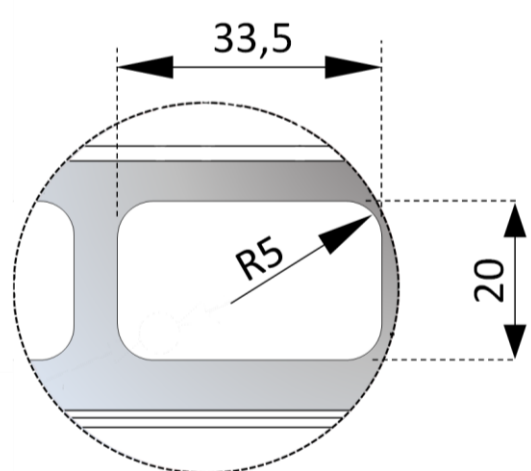
**11 LAMAS**



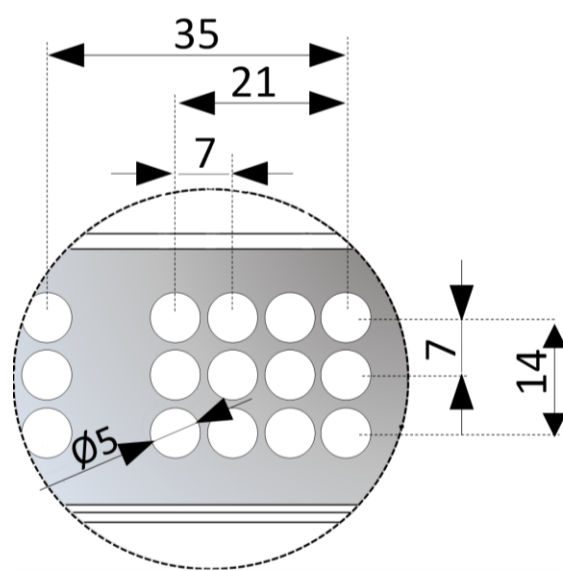
**5 LAMAS**



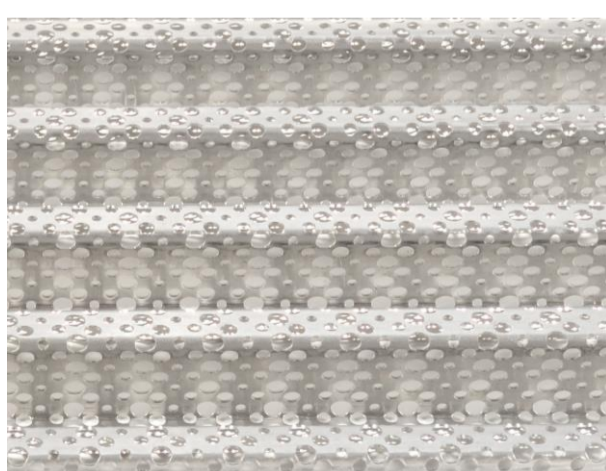
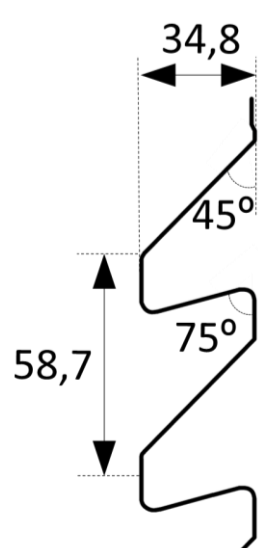
**Ventanas**



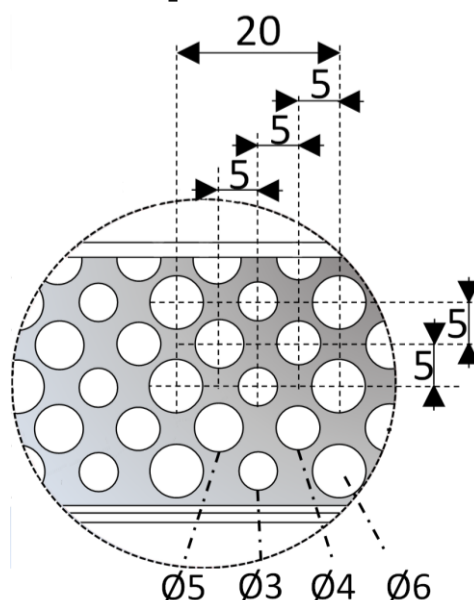
**Microperforado**



**Ciego**



**Multiperforado**





## Geometría

|          | Modelo         | Espesor (mm) | Peso (Kg/m) | Peso (Kg/m <sup>2</sup> ) | Superf. perforada |
|----------|----------------|--------------|-------------|---------------------------|-------------------|
| 11 LAMAS | Ventanas       | 0,8          | 2,42        | 3,72                      | 22%               |
|          | Microperforado | 0,8          | 2,55        | 3,92                      | 11%               |
|          | Multiperforado | 0,8          | 1,85        | 2,85                      | 32%               |
|          | Ciego          | 0,8          | 2,73        | 4,20                      | NO                |
| 5 LAMAS  | Ventanas       | 0,8          | 1,11        | 3,74                      | 22%               |
|          | Microperforado | 0,8          | 1,17        | 3,94                      | 11%               |
|          | Multiperforado | 0,8          | 0,84        | 2,83                      | 32%               |
|          | Ciego          | 0,8          | 1,26        | 4,24                      | NO                |

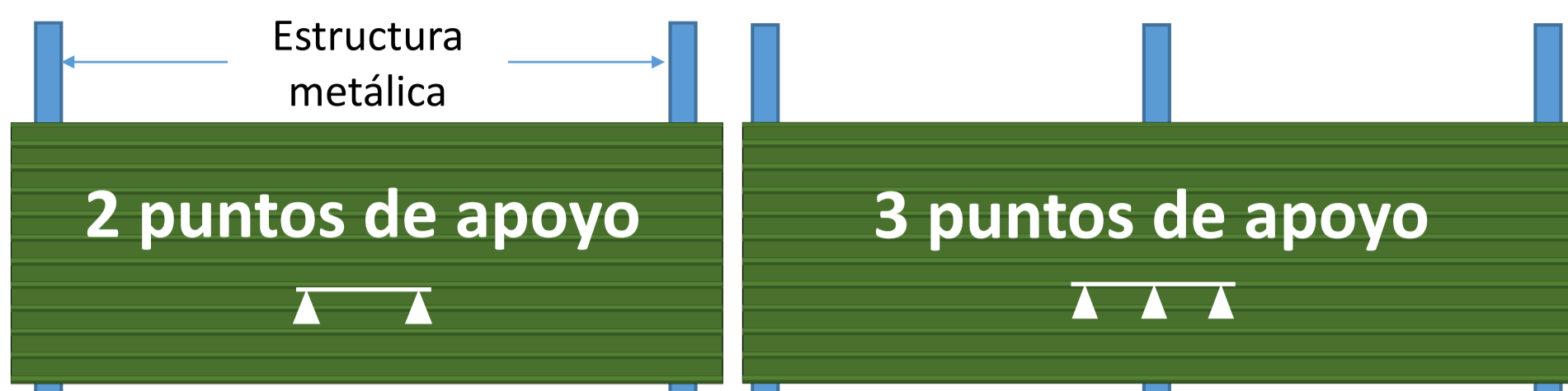
## Acabados

|          | Modelo         | Acabados |
|----------|----------------|----------|
| 11 LAMAS | Ventanas       | Crudo    |
|          | Microperforado | Crudo    |
|          | Multiperforado | Crudo    |
|          | Ciego          | Crudo    |
| 5 LAMAS  | Ventanas       | Crudo    |
|          | Microperforado | Crudo    |
|          | Multiperforado | Crudo    |
|          | Ciego          | Crudo    |

## Características de los Materiales

| Tipo       | Acabados      | Norma  | Espesor (mm) |
|------------|---------------|--------|--------------|
| EN AW-3003 | H26 - Natural | EN 573 | 0,8          |
| EN AW-3103 | H26 - Natural | EN 573 | 0,8          |

## Fijación a la estructura base metálica



## Resistencia a la presión del viento – Carga máxima (daN/m<sup>2</sup>) (1 daN/m<sup>2</sup> = 0,98 kp/m<sup>2</sup>)

| Vano (m) | CIEGO |       | VENTANAS |       |
|----------|-------|-------|----------|-------|
|          | ▲ — ▲ | ▲ ▲ ▲ | ▲ — ▲    | ▲ ▲ ▲ |
| 1        | 400   | 400   | 400      | 400   |
| 1,25     | 400   | 400   | 400      | 400   |
| 1,5      | 360   | 400   | 400      | 400   |
| 1,75     | 225   | 245   | 280      | 400   |
| 2        | 150   | 260   | 185      | 315   |
| 2,25     | 105   | 205   | 130      | 250   |
| 2,5      | 75    | 160   | 95       | 200   |
| 2,75     | 55    | 135   | 70       | 160   |
| 3        | 45    | 110   | 55       | 130   |

| Vano (m) | MICROPERF. |       | MULTIPERF. |       |
|----------|------------|-------|------------|-------|
|          | ▲ — ▲      | ▲ ▲ ▲ | ▲ — ▲      | ▲ ▲ ▲ |
| 1        | 400        | 400   | 400        | 400   |
| 1,25     | 400        | 400   | 400        | 400   |
| 1,5      | 390        | 400   | 325        | 400   |
| 1,75     | 245        | 360   | 200        | 315   |
| 2        | 160        | 275   | 135        | 230   |
| 2,25     | 115        | 210   | 95         | 190   |
| 2,5      | 80         | 170   | 70         | 150   |
| 2,75     | 60         | 140   | 50         | 120   |
| 3        | 45         | 115   | 40         | 95    |

NOTA: Considerando un límite elástico mínimo según la norma EN 10346 y EN 10130 del material (235MPa)