



## Loading charge corrugated straight profile R616



| Dimensions          | Values (mm) | Tolerance (mm) |
|---------------------|-------------|----------------|
| Sheet width         | 1182        | n.a.           |
| Net width           | 1128        | ± 0,8%         |
| Development         | 1265        | //             |
| Ribs /waves pitch   | 188         | //             |
| Ribs / waves height | 18          | ± 3            |

| Admissible charges (q) in daN/mq - Security coefficient at break: 3 |                   |              |   |     |     |     |     |     |  |  |
|---|-------------------|--------------|---|-----|-----|-----|-----|-----|--|--|
| q<br>A  |                   |              | Light between 2 purlins expressed in cm |     |     |     |     |     |  |  |
| Thickness<br>(mm)   | Gramm.<br>(kg/mq) | J<br>(cm4/m) | Wf<br>(cm3/m)                           | 60  | 80  | 100 | 120 | 140 |  |  |
| 0.70  | 1.05              | 3.74         | 2.71                                    | 203 | 114 | 73  | 51  | 37  |  |  |
| 0.90  | 1.35              | 4.81         | 3.47                                    | 259 | 146 | 93  | 65  | 48  |  |  |
| 1.20  | 1.80              | 6.43         | 4.59                                    | 343 | 193 | 123 | 86  | 63  |  |  |
| 1.60  | 2.45              | 8.61         | 6.06                                    | 453 | 255 | 163 | 113 | 83  |  |  |
|   |                   |              | Light between 4 purlins expressed in cm |     |     |     |     |     |  |  |
| Thickness<br>(mm)   | Gramm.<br>(kg/mq) | J<br>(cm4/m) | Wf<br>(cm3/m)                           | 60  | 80  | 100 | 120 | 140 |  |  |
| 0.70  | 1.05              | 3.74         | 2.71                                    | 258 | 145 | 93  | 64  | 47  |  |  |
| 0.90  | 1.35              | 4.81         | 3.47                                    | 329 | 185 | 119 | 82  | 60  |  |  |
| 1.20  | 1.80              | 6.43         | 4.59                                    | 436 | 245 | 157 | 109 | 80  |  |  |
| 1.60  | 2.45              | 8.61         | 6.06                                    | 575 | 324 | 207 | 144 | 106 |  |  |

Internal test method: IO 021.

<u>Loading charge carried out on single sheet</u>, without side supports, with the following fixing: n°4 screws on the high part of the rib at each side. Self-threading screws Ø6,3 + washers with rubber

The information contained in this table is based on the information and actual experiences and are, as far as we know, exact and right. This information does not mean a quality guarantee as the use conditions are not under our own control. Plastic roofings are NOT WALKABLE. Avoid the direct walking using elements that distribute the load (i.e.:footbridge). Choose the material for roofing according to the law dispositions referred to loadings and overloading