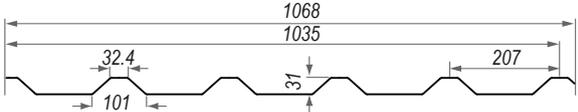
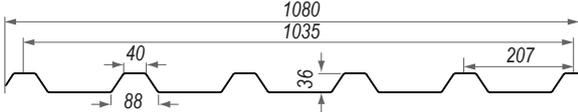
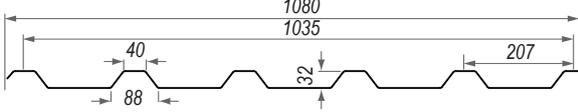


## Profiles 207/35 ARCELOR - 207/35 FISCHER - 207/35 HOESCH FOR ROOFING and CLADDING

| Product        | Total width (mm) |  | Useful width (mm) |
|----------------|------------------|--|-------------------|
| 207/35 Arcelor | 1068             |  | 1035              |
| 207/35 Fischer | 1080             |  | 1035              |
| 207/35 Hoesch  | 1080             |  | 1035              |

### Specifications

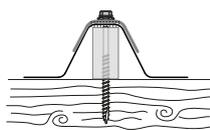
|                                       |   |
|---------------------------------------|---|
| Ranges                                | ONDEX HR  |
| Nominal thickness (mm)                | 1.2   |
| Material                              | High resistance bi-stretched PVC  |
| Fire classification (EN 13501-1)      | B s1 d0   |
| Colours                               | Crystal - Translucent DIFFU100  |
| Suitable temperature range            | -40°C to + 65°C   |
| Maximum roof length                   | 12 m  |
| Bend radius                           | 12 m  |
| Minimum slope (DTU 40.35)             | ≥ 10 % or according to specific recommendations                               |
| Maximum gap between purlins           | 1.5 m (see snow downloads and wind uploads table)                             |
| Overlaps between sheets               | from 200 to 300 mm (see drawing)  |
| Waterproofness seal                   | If necessary with a clear colour flexible butyl seal                          |
| <b>Cutting and drilling of sheets</b> |   |
| Cutting tool                          | Standard (fine tooth saw)   |
| Compulsory pre-drilling               | ∅ 10 mm / conical or centre drill used at medium speed (for a clean drilling) |

### Fastening

#### Installation in SIDE I - Roofing



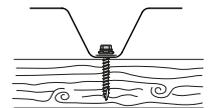
- Self drilling or self tapping screw diam. 6 to 7 mm
- Length : 100 mm for timber support  
60 mm for metal
- according to environment (corrosive atmosphere)
- Metal washer with neoprene seal or saddle
- + washer.
- Space



#### Installation in SIDE II - Cladding



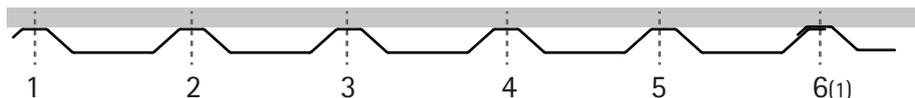
- Self drilling or self tapping screw ∅ 6 to 7 mm
- Length : 50 mm for timber support  
25 mm for metal
- Metal washer with seal ∅ 19 mm



Seaming with an expansive plasteseam in neoprene rubber is recommended for a space between centre lines in purlin > 80 cm.  
**It should be positioned in the middle of the longitudinal overlapping.**

Installation in SIDE II - Cladding

Fastening of the end purlins



Fastening of the intermediate purlins



Installation in SIDE I - Roofing

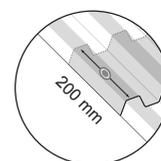
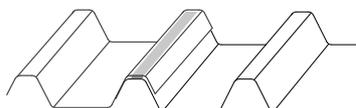
Fastening of the end purlins



Fastening of the intermediate purlins



**i** It is recommended to use a light coloured flexible butyl seal between 2 sheets to ensure a good waterproofness.



Recommended gap between purlins (m) - In accordance with the French regulations NV65

| Snow                  |  | Downward loads snow pressure (daN/m <sup>2</sup> )  |      |      |      |      |      |      |      | 1/100 <sup>e</sup> |      |
|-----------------------|--|---|------|------|------|------|------|------|------|--------------------|------|
|                       |  | 40  |      | 60   |      | 80   |      | 100  |      | 120                |      |
| Supports nb           |  | 2   | 3    | 2    | 3    | 2    | 3    | 2    | 3    | 2                  | 3    |
| <b>207/35 Arcelor</b> |  | 1.35  | 1.50 | 1.18 | 1.32 | 1.07 | 1.14 | 0.92 | 0.92 | 0.77               | 0.76 |
| <b>207/35 Fischer</b> |  | 1.48  | 1.50 | 1.37 | 1.50 | 1.14 | 1.26 | 0.92 | 1.02 | 0.77               | 0.81 |
| <b>207/35 Hoesch</b>  |  | 1.44  | 1.50 | 1.26 | 1.41 | 1.14 | 1.24 | 0.92 | 1.02 | 0.77               | 0.81 |
| Wind                  |  | Upward loads winds depression (daN/m <sup>2</sup> ) |      |      |      |      |      |      |      | 1/50 <sup>e</sup>  |      |
|                       |  | 40  |      | 60   |      | 80   |      | 100  |      | 120                |      |
| Supports nb           |  | 2   | 3    | 2    | 3    | 2    | 3    | 2    | 3    | 2                  | 3    |
| <b>207/35 Arcelor</b> |  | 1.50  | 1.50 | 1.37 | 1.50 | 1.25 | 1.23 | 1.16 | 0.98 | 1.04               | 0.82 |
| <b>207/35 Fischer</b> |  | 1.50  | 1.50 | 1.50 | 1.50 | 1.45 | 1.25 | 1.25 | 1.00 | 1.05               | 0.85 |
| <b>207/35 Hoesch</b>  |  | 1.50  | 1.50 | 1.47 | 1.50 | 1.33 | 1.23 | 1.24 | 0.98 | 1.04               | 0.82 |

**CAUTION**

→ FOR COUNTRIES OTHER THAN FRANCE: check the admissible loads according to the calculated spans and applicable regulatory standards in the country in which the building will be constructed.

→ This synoptic data sheet is not intended to replace a more technical documentation or technical certification with installing instructions. For further information, please contact our technical support on +33 3 80 46 80 52 or our sales manager.

|  |   |   |  |   |
|--|---|---|--|---|
|  <p>PVC<br/>100% recyclable product</p> |  <p>Protect the sheets from sunlight, wind and rain with an opaque white polyethylene tarpaulin during storage and throughout the installation</p> |  <p>Do not use with insulating materials</p> |  <p>For crystal and translucent, supports and overlapping with other dark sheets must be painted in white. This prevents overheating.</p> |  <p>Do not step directly on the sheets</p> |
|--|---|---|--|---|