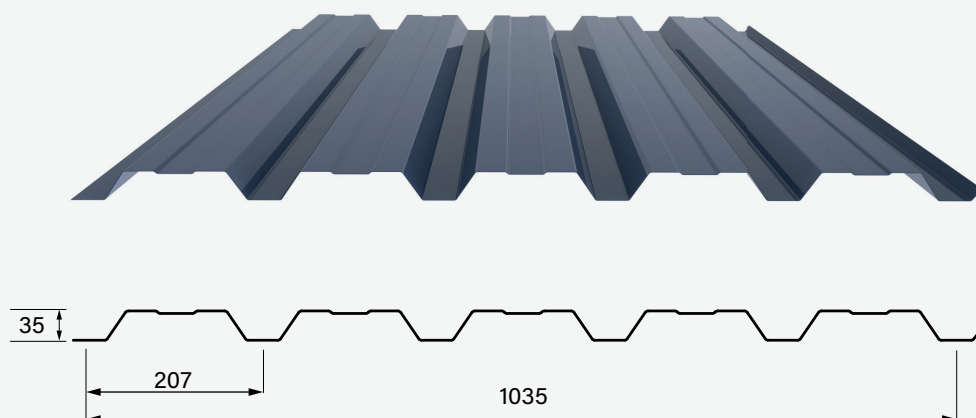


# 35R/1035



## Technische eigenschappen

| Profielplaattype | Staaldikte [mm] | Gewicht [kg/m <sup>2</sup> ] | I <sub>eff</sub> [cm <sup>4</sup> /m] |
|------------------|-----------------|------------------------------|---------------------------------------|
| 35R/1035         | 0,63            | 6,0                          | 9,40                                  |
|                  | 0,70            | 6,6                          | 10,90                                 |
|                  | 0,75            | 7,1                          | 12,00                                 |
|                  | 0,88            | 8,3                          | 14,90                                 |

### Staalkwaliteit

S280GD, S320GD

### Coatings

Colorcoat HPS200 Ultra®, Prisma® 65, Prisma® 40, Granite® HDX, Granite® HDS, Polyester, Houtnerf plastisol, Delft Unique Color, Magnelis® ZM100, Magnelis® ZM120, Verzinkt Z275, Interieur coating, Alu zink 185

### Optioneel

Geperforeerd

### Afmetingen

Standaard 600 - 11.500

### Lengte [mm]

Minimaal 500

Maximaal 13.000

### Verpakking

Max. aantal per pakket 75 stuks

Max. gewicht per pakket 2.000 kg

### Certificaten



### Norm maatvoering

NEN-EN 14782

# Trapezium profielen

## 35R/1035

### Overspanningstabel gevelprofiel

|                 |        |
|-----------------|--------|
| Doorbuigingseis | L/150  |
| Staalkwaliteit  | S320GD |
| Oplegging       | 60 mm  |
| Gevolgklasse    | CC1    |

Maximale overspanning [m] bij opgegeven windbelasting in kN/m<sup>2</sup>.

### Windgebied I

| Profielplaatype | Dikte | Staalplaat           | Terreincategorie 0<br>(Kust)                                       |        |        | Terreincategorie I<br>(Onbebouwd)                                  |        |        | Terreincategorie II<br>(Bebouwd)                                   |        |        |
|-----------------|-------|----------------------|--------------------------------------------------------------------|--------|--------|--------------------------------------------------------------------|--------|--------|--------------------------------------------------------------------|--------|--------|
|                 |       |                      | $q_p = 1,55 \text{ kN/m}^2$<br>& $W_e + W_i = 1,79 \text{ kN/m}^2$ |        |        | $q_p = 0,98 \text{ kN/m}^2$<br>& $W_e + W_i = 1,14 \text{ kN/m}^2$ |        |        | $q_p = 0,77 \text{ kN/m}^2$<br>& $W_e + W_i = 0,90 \text{ kN/m}^2$ |        |        |
|                 |       |                      | 1 veld                                                             | 2 veld | 3 veld | 1 veld                                                             | 2 veld | 3 veld | 1 veld                                                             | 2 veld | 3 veld |
|                 | [mm]  | [kg/m <sup>2</sup> ] | [m]                                                                | [m]    | [m]    | [m]                                                                | [m]    | [m]    | [m]                                                                | [m]    | [m]    |
| 35R/1035        | 0,63  | 6,0                  | 1,82                                                               | 2,23   | 2,24   | 2,10                                                               | 2,79   | 2,61   | 2,27                                                               | 3,03   | 2,82   |
|                 | 0,70  | 6,6                  | 1,90                                                               | 2,41   | 2,35   | 2,21                                                               | 2,95   | 2,74   | 2,38                                                               | 3,18   | 2,96   |
|                 | 0,75  | 7,1                  | 1,96                                                               | 2,53   | 2,43   | 2,28                                                               | 3,04   | 2,82   | 2,46                                                               | 3,29   | 3,05   |
|                 | 0,88  | 8,3                  | 2,12                                                               | 2,83   | 2,63   | 2,46                                                               | 3,29   | 3,05   | 2,65                                                               | 3,55   | 3,30   |

### Windgebied II

| Profielplaatype | Dikte | Staalplaat           | Terreincategorie 0<br>(Kust)                                      |        |        | Terreincategorie I<br>(Onbebouwd)                                  |        |        | Terreincategorie II<br>(Bebouwd)                                   |        |        |
|-----------------|-------|----------------------|-------------------------------------------------------------------|--------|--------|--------------------------------------------------------------------|--------|--------|--------------------------------------------------------------------|--------|--------|
|                 |       |                      | $q_p = 1,29 \text{ kN/m}^2$<br>& $W_e + W_i = 1,5 \text{ kN/m}^2$ |        |        | $q_p = 0,82 \text{ kN/m}^2$<br>& $W_e + W_i = 0,95 \text{ kN/m}^2$ |        |        | $q_p = 0,65 \text{ kN/m}^2$<br>& $W_e + W_i = 0,75 \text{ kN/m}^2$ |        |        |
|                 |       |                      | 1 veld                                                            | 2 veld | 3 veld | 1 veld                                                             | 2 veld | 3 veld | 1 veld                                                             | 2 veld | 3 veld |
|                 | [mm]  | [kg/m <sup>2</sup> ] | [m]                                                               | [m]    | [m]    | [m]                                                                | [m]    | [m]    | [m]                                                                | [m]    | [m]    |
| 35R/1035        | 0,63  | 6,0                  | 1,92                                                              | 2,43   | 2,38   | 2,23                                                               | 2,97   | 2,76   | 2,41                                                               | 3,22   | 2,99   |
|                 | 0,70  | 6,6                  | 2,02                                                              | 2,63   | 2,50   | 2,34                                                               | 3,12   | 2,90   | 2,52                                                               | 3,38   | 3,14   |
|                 | 0,75  | 7,1                  | 2,08                                                              | 2,76   | 2,58   | 2,41                                                               | 3,22   | 2,99   | 2,60                                                               | 3,48   | 3,24   |
|                 | 0,88  | 8,3                  | 2,25                                                              | 3,00   | 2,78   | 2,60                                                               | 3,48   | 3,24   | 2,81                                                               | 3,77   | 3,50   |

# Trapezium profielen

## 35R/1035

### Windgebied III

| Profielplaattype | Dikte | Staalplaat           | Terreincategorie I<br>(Onbebouwd)                                   |        |        | Terreincategorie II<br>(Bebouwd)                                    |        |        |
|------------------|-------|----------------------|---------------------------------------------------------------------|--------|--------|---------------------------------------------------------------------|--------|--------|
|                  |       |                      | $q_p = 0,68 \text{ kN/m}^2$<br>$\& W_e + W_i = 0,79 \text{ kN/m}^2$ |        |        | $q_p = 0,53 \text{ kN/m}^2$<br>$\& W_e + W_i = 0,62 \text{ kN/m}^2$ |        |        |
|                  |       |                      | 1 veld                                                              | 2 veld | 3 veld | 1 veld                                                              | 2 veld | 3 veld |
|                  | [mm]  | [kg/m <sup>2</sup> ] | [m]                                                                 | [m]    | [m]    | [m]                                                                 | [m]    | [m]    |
| 35R/1035         | 0,63  | 6,0                  | 2,37                                                                | 3,17   | 2,95   | 2,56                                                                | 3,43   | 3,19   |
|                  | 0,70  | 6,6                  | 2,49                                                                | 3,33   | 3,09   | 2,69                                                                | 3,60   | 3,34   |
|                  | 0,75  | 7,1                  | 2,57                                                                | 3,44   | 3,19   | 2,77                                                                | 3,72   | 3,45   |
|                  | 0,88  | 8,3                  | 2,77                                                                | 3,72   | 3,45   | 3,00                                                                | 4,02   | 3,73   |

### Uitgangspunten

- Grondslagen van het constructief ontwerp conform NEN-EN 1990 + NB
- Belastingen op constructies conform NEN-EN 1991-1-4 + NB
- Overspanningstabel voor gevelprofiel