## TECHNICAL DATASHEET

## PLAKA - TRAPEZOIDAL SPACER BARS IN CONCRETE

Continuous trapezoidal spacer bars in concrete REF 03.04.02 - Version V01-11/08/2020


## Description

The trapezoidal bars in concrete are continuous spacers for reinforcement layers in concrete structures.

## Application fields

To guarantee a defined concrete cover of the lower reinforcement layers in concrete floor slabs or foundation slabs.

## Properties

| Concrete |  |
| :--- | :--- |
| Type of concrete | T (0.65) |
| Maximal water/cement ratio | 0.65 |
| Type of cement | CEM I 52.5 N HES |
| Environment class | EI |
| Minimal resistance class | C35/45 |
| Minimal cement quantity | 340 kg |
| Reinforcing steel | B500B |
| Type | 4 mm |
| Diameter |  |
| General information |  |
| High resistance to pressure (resistant to heavy reinforcement) |  |
| Strong bond with concrete |  |

## Dimensions

| Trapezoidal bar in concrete (L=1 m) |  |  |  |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| Picture | Code | Height H <br> $[\mathrm{mm}]$ | $\mathrm{A} / \mathrm{B}$ <br> $[\mathrm{mm}]$ | Number of bars <br> $[\mathrm{m} / \mathrm{box}]$ | Weight <br> $[\mathrm{kg} / \mathrm{m}]$ |  |
| 4 | BLREG30 | 30 | $27 / 35$ | 840 | 2.15 |  |
|  | BLREG40 | 40 | $33 / 40$ | 480 | 3.36 |  |

Consumption: 0.8 to 2 units/ $\mathrm{m}^{2}$ according to the type and dimensions of the reinforcement layers
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