# Technical data sheet NEW ELEVETOR TRIO

## 1. DESCRIPTION

Modular formwork for lightweight structural fillings up to 300cm height



## 2. TECHNICAL SPECIFICATION

| | | |
|---|---|---|
| Formwork and grid material | - | Recycled polypropylene 100% GRAPLENE |
| Pipe material | - | PVC |
| Percentage of recycled material (ref. To formwork and grid) | % | 100 |
| Formwork dimensions * | cm | 58 x 58 x H15 |
| Grid dimensions * | cm | 60 x 40 |
| Weight formwork / grid | kg | 1,43 (± 10%) / 0,19 (± 10%) |
| Concrete consumption flush to the formwork** | $m^3/m^2$ | [0,037 X (New Elevetor height in meter - 0,15)] + 0,030 |
| Place of production | - | Italy |

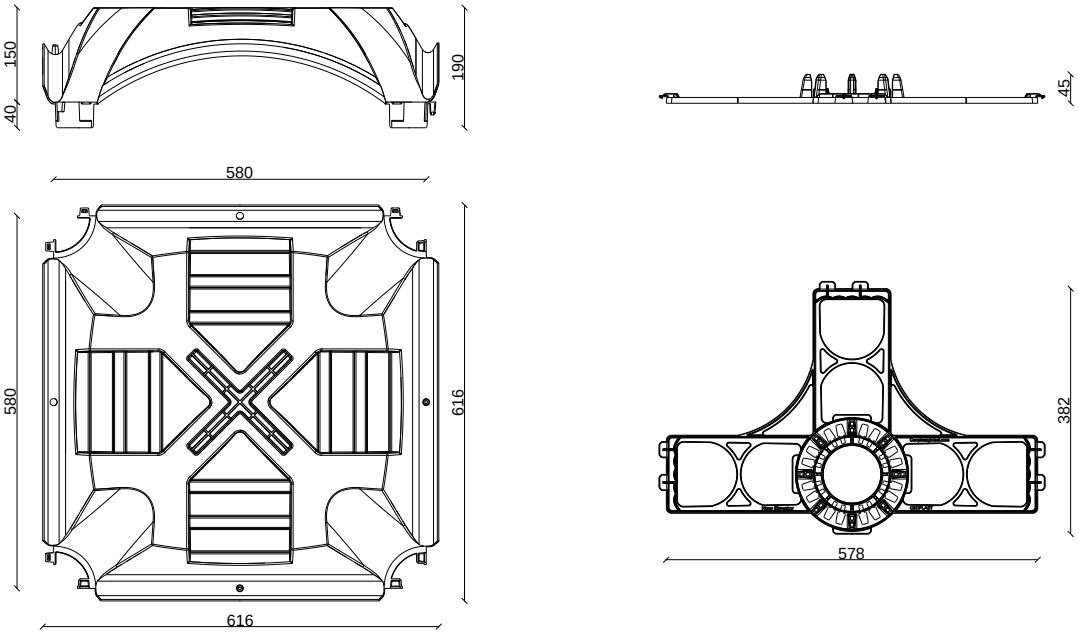
** in consideration of the recycled material, the measures should be evaluated with a tolerance of ± 1,5%*
*** The volume is subject to changes depending on the pouring conditions and material tolerances*

## 3. LOAD CHART

| LOAD CLASS | Distributed load ($kg/m^2$) | Upper slab thk. (cm) | Reinforcement * | Pipe Reinforcement * | Slab on grade thk. (cm) | Subgrade thk. (cm) | Preassure on soil (ULS) ($kg/cm^2$)** |
|---|---|---|---|---|---|---|---|
| Residential [Cat. A] | 0 - 500 | 5 | Ø6 / 20x20 | 4 Ø6 | 5 | - | 1,05 |
| Crowd places [Cat. B e C] | 500 - 1.000 | 6 | Ø6 / 20x20 | 4 Ø6 | 5-8 | - | 1,07 |
| Commercial [Cat. D] | 1.000 - 2.500 | 6-8 | Ø6 / 15x15 | 4 Ø6 | 8-10 | 0-10 | 1,20 |
| Industrial and storage [Cat. E] | 2.500 - 5.000 | 8-10 | Ø8 / 15x15 | 4 Ø8 | 10-15 | 10-15 | 1,40 |
| > 5.000 $kg/m^2$ | > 5.000 | To be evaluated contacting Geoplast's technical dept. | | | | | |

*It is the designer's responsibility to evaluate that the soil is able to guarantee the pressures indicated and evaluated on New Elevetor h200cm (formwork's height). In the presence of concentrated loads or other variables, please contact Geoplast's technical office. The values shown in this table consider complete maturation of the concrete - 28 days.*
** Minimum reinforcement calculated in relation to the maximum load value referred to the identified category.*
***The values shown, calculated in accordance with EN 1992-1-1, are purely indicative and are strongly influenced by the mechanical characteristics of the soil. The actual sizing must be evaluated case by case by an engineer.*

## 4. TECHNICAL LAYOUT (FORMWORK AND GRID)

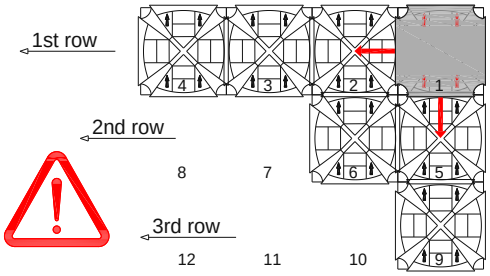


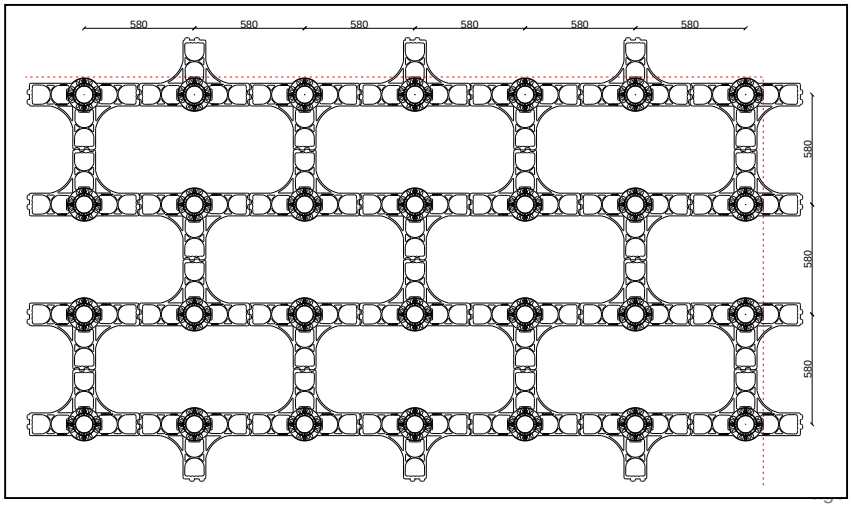

## 5. PACKAGING AND TRANSPORT

| | | |
|---|---|---|
| Formwork / grid / pipe code | - | EELEVEN5858 / EELBAST5858 / EELTUBN0000 |
| Packaging dimensions - Formwork / Grid | cm | 120 x 120 x H265 / 80 x 120 x H245 |
| Type of packaging | - | Stacked and wrapped in plastic film on pallet |
| Quantity per packaging - Formwork / Grid | pcs | 225 / 560 |
| Package gross weight formwork / grid (pallet included) | kg | 339 / 110 |

## 6. INSTALLATION METHOD

The New Elevetor installation is carried out by placing the formwork from right to left and from top to bottom, always keeping the arrow printed upwards. It is essential to check the correct fitting of the feet.



# Technical data sheet PIPE

## 1. DESCRIPTION

PVC support structure with an external diameter of 125 mm and a thickness of 1,8 / 2,0 mm.



## 2. REFERENCE DIMENSIONS

| | | |
|---|---|---|
| Dimensions | cm | 75>200 |
| Thickness | mm | 1,8 / 2,0 |
| External diameter DN | mm | Ø 125 |
| Material | - | PVC |
| Product Code | - | EELTUBN0000 |

# Technical data sheet STRIP

## 1. DESCRIPTION

Polystyrene strip for lateral closure of the remaining space between formwork and wall.



## 2. REFERENCE DIMENSIONS

| | |
|---|---|
| Dimensions (cm) | 100 x 8 x H 10 cm |
| Material | EPS |
| Product Code | EELLISS0150 |