

Technical data sheet NEW ELEVETOR CUATRO

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	58 x 58 x H2,5
Weight formwork / grid	kg	1,43 (± 10%) / 0,41 (± 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 and material tolerances

3. LOAD CHART

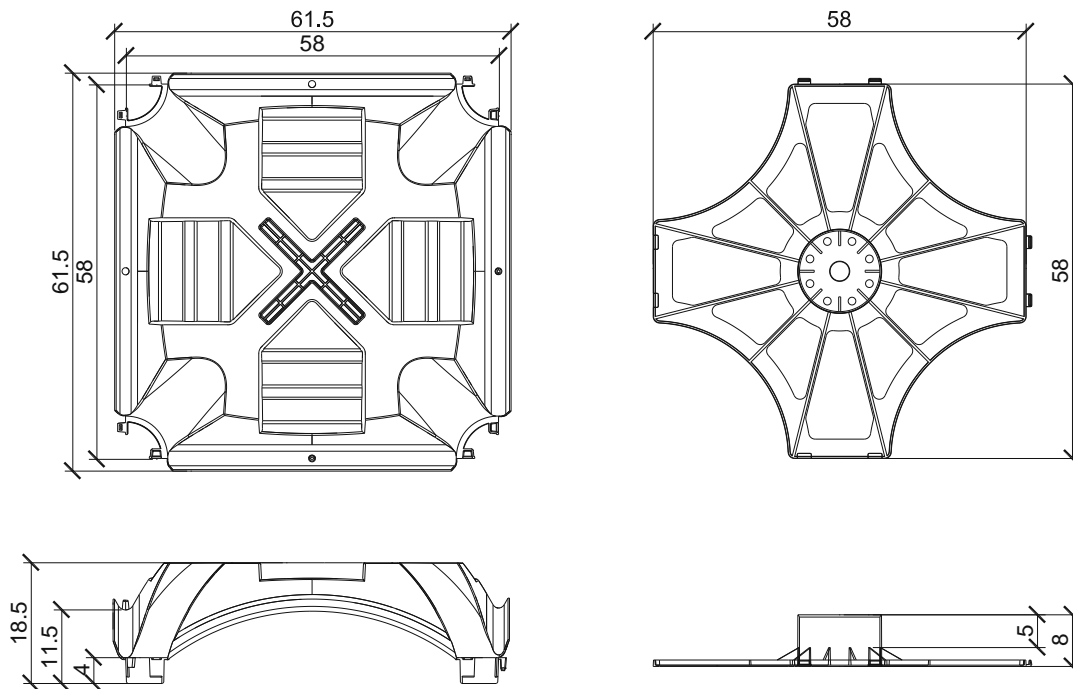
LOAD CLASS	Distributed load (kg/m ²)	Upper slab thk. (cm)	Reinforcement *	Pipe Reinforcement *	Slab on grade thk. (cm)	Subgrade thk. (cm)	Preassure on soil (ULS) (kg/cm ²)**
Residential [Cat. A]	0 - 500	5	Ø6 / 20x20	4 Ø6	5	-	1,05
Crowd places [Cat. B e C]	500 - 1.000	6	Ø6 / 20x20	4 Ø6	5-8	-	1,07
Commercial [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)

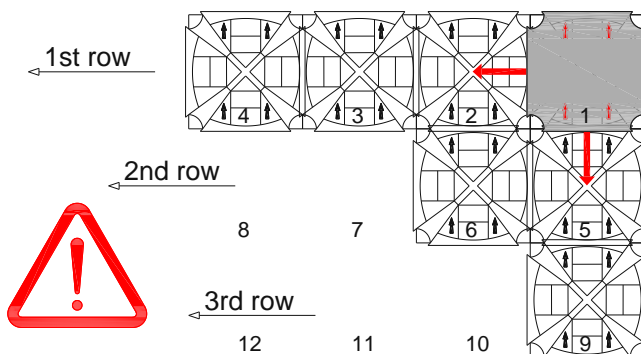


5. PACKAGING AND TRANSPORT

Formwork / grid / pipe code	-	EELEVEN5858 / EELBASE5858 / EELTUBN0000
Formwork / grid packaging dimensions	cm	120 x 120 x H265 / 110 x 110 x H250
Type of packaging	-	Stacked and wrapped in plastic film on pallet
Pieces per pallet formwork / grid	pcs	225 / 325
Package gross weight formwork / grid (pallet included)	kg	339 / 145

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.



Before starting to install the elements, we recommend that you consult Geoplast® project tables to position the elements appropriately. For a correct installation, in compliance with safety regulations please refer to the installation manual.

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